

FIG.1

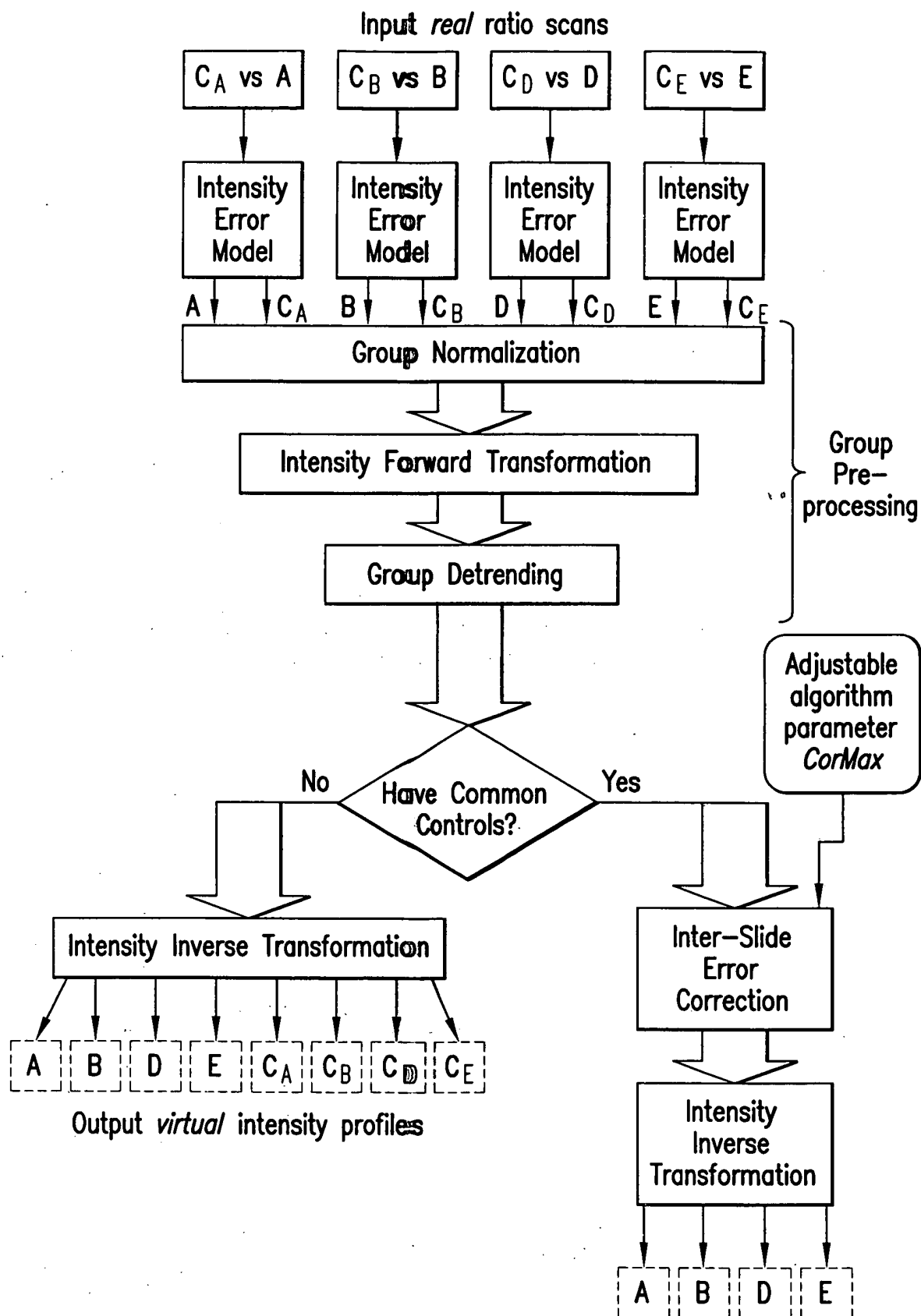


FIG.2 Output virtual intensity profiles

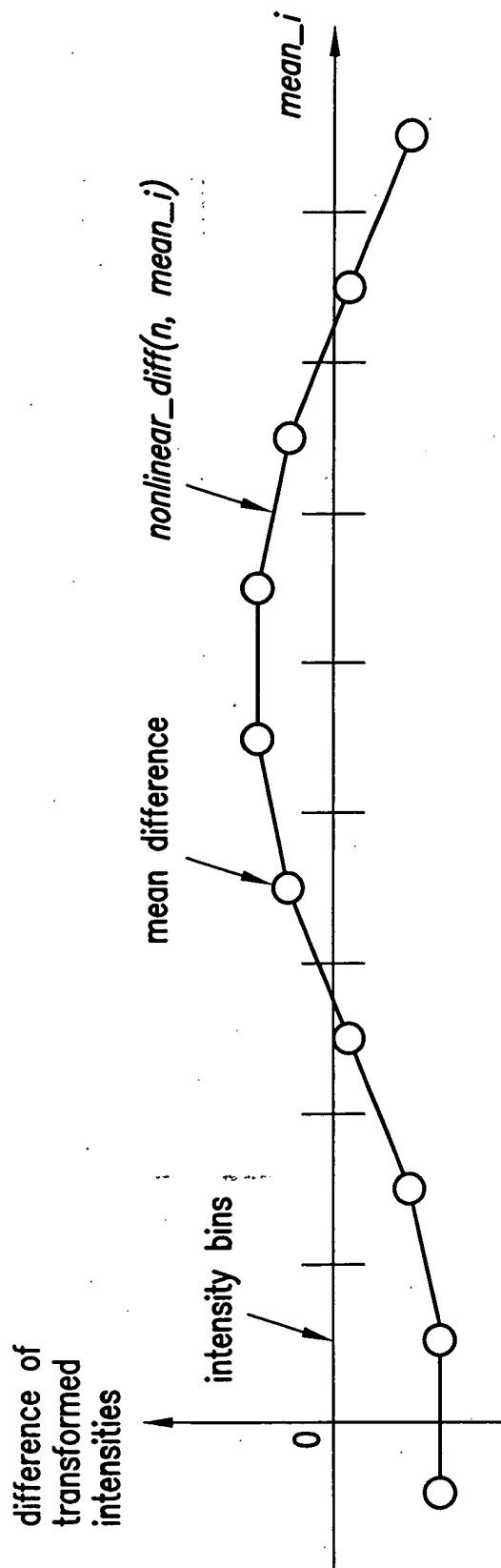


FIG. 3

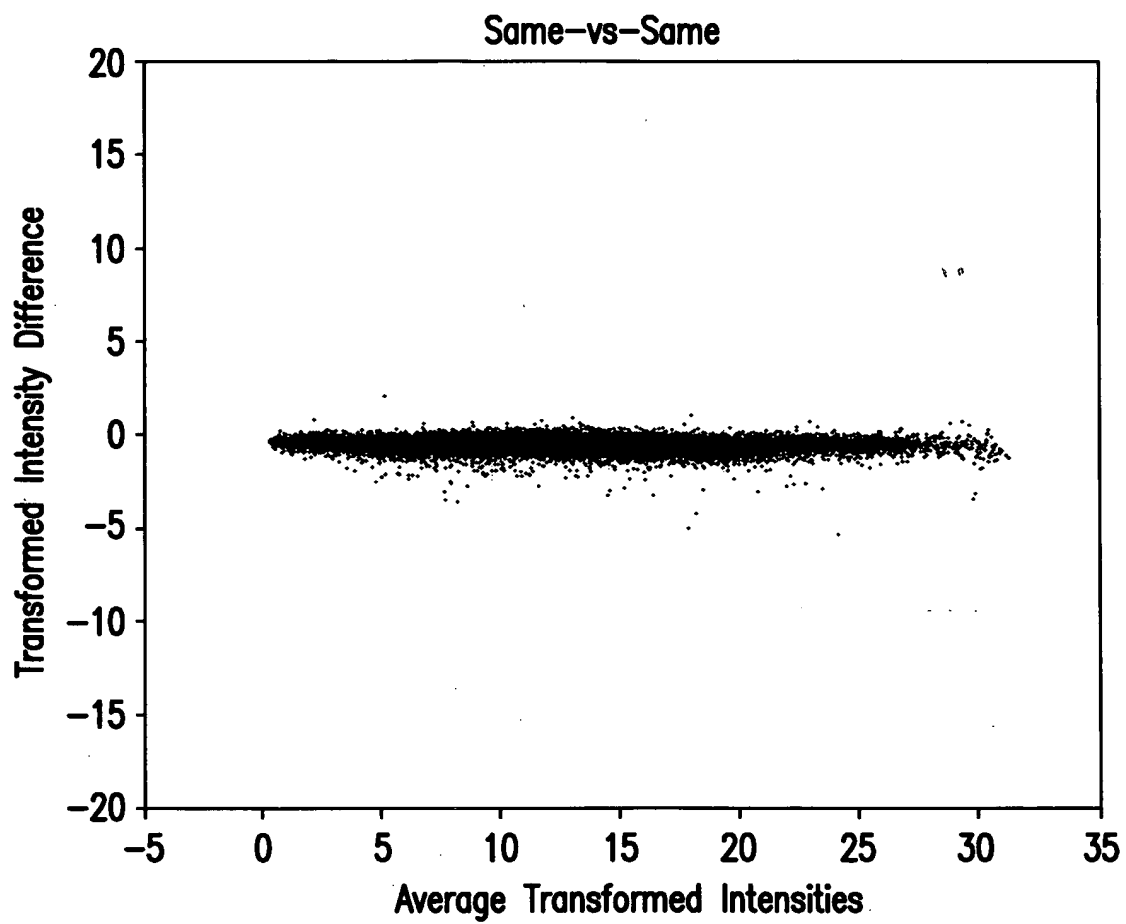


FIG.4

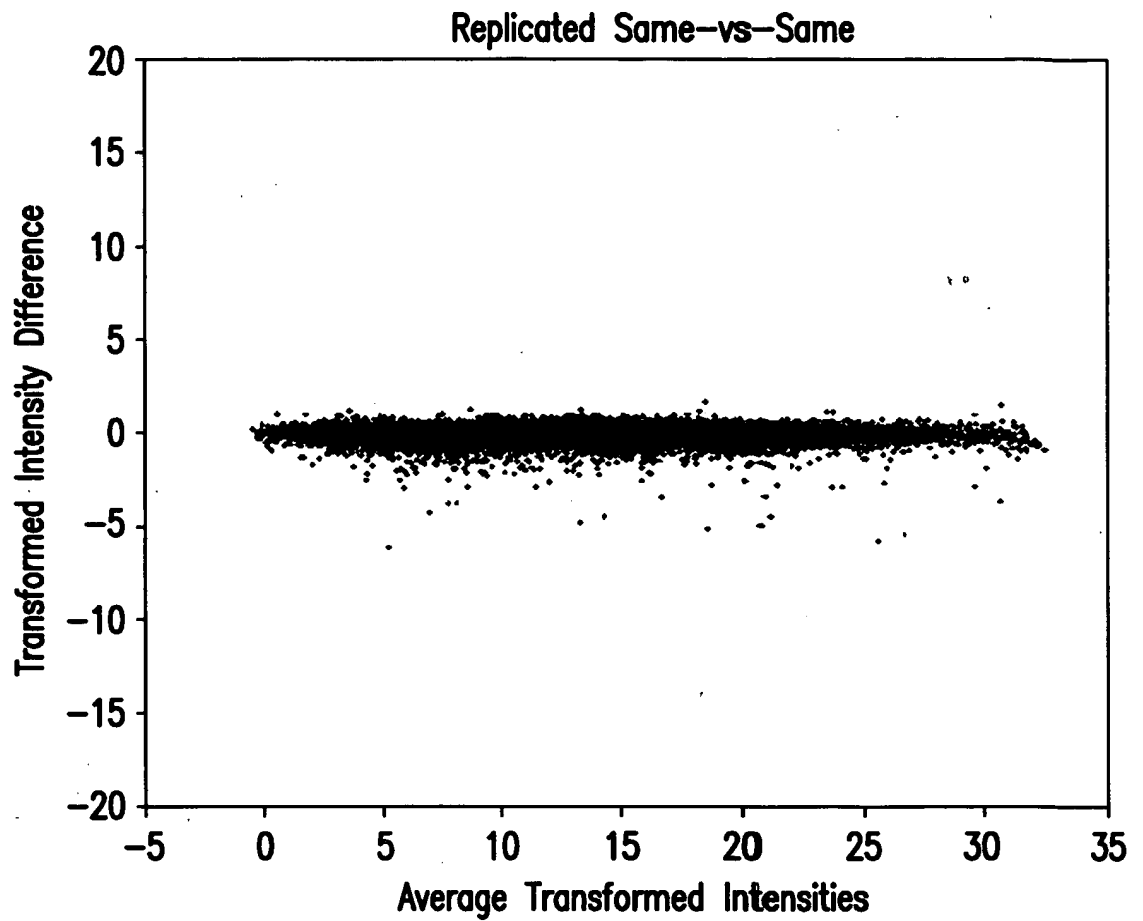


FIG.5

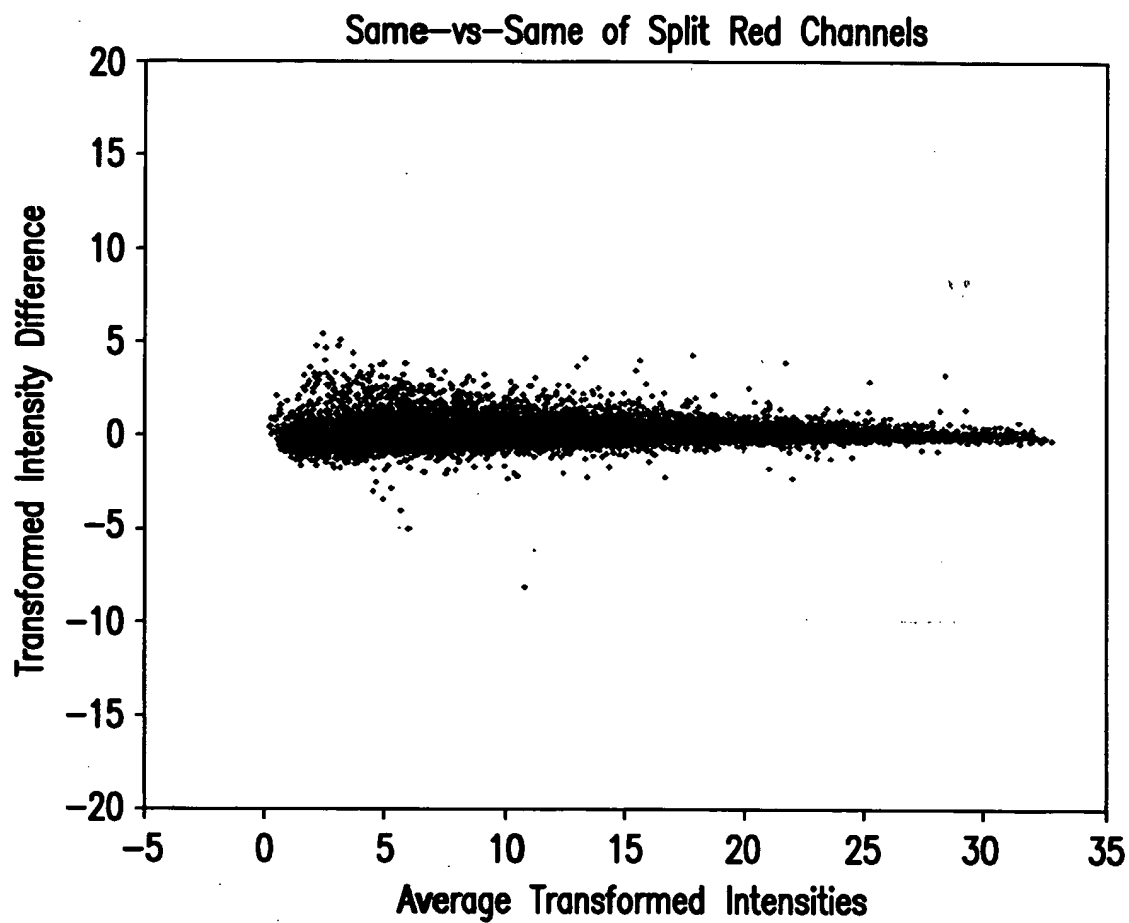


FIG.6

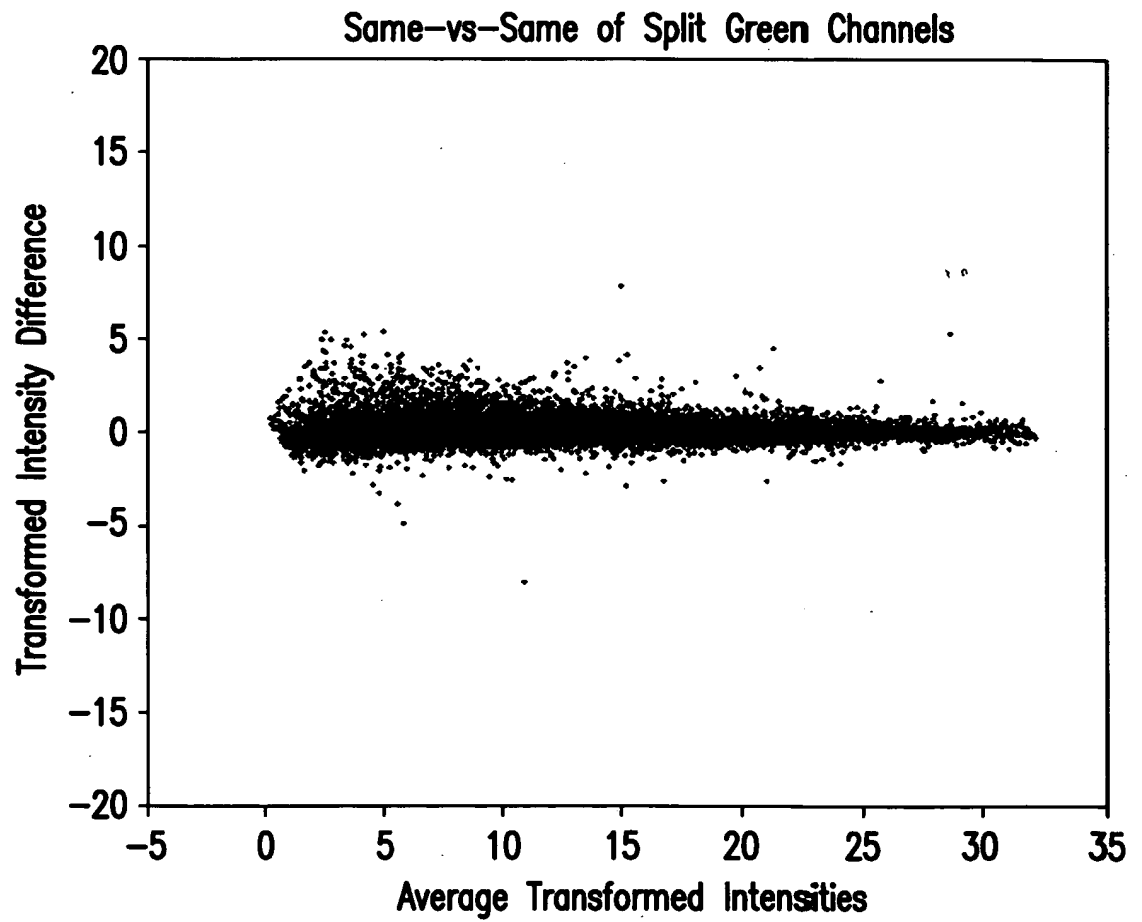


FIG.7

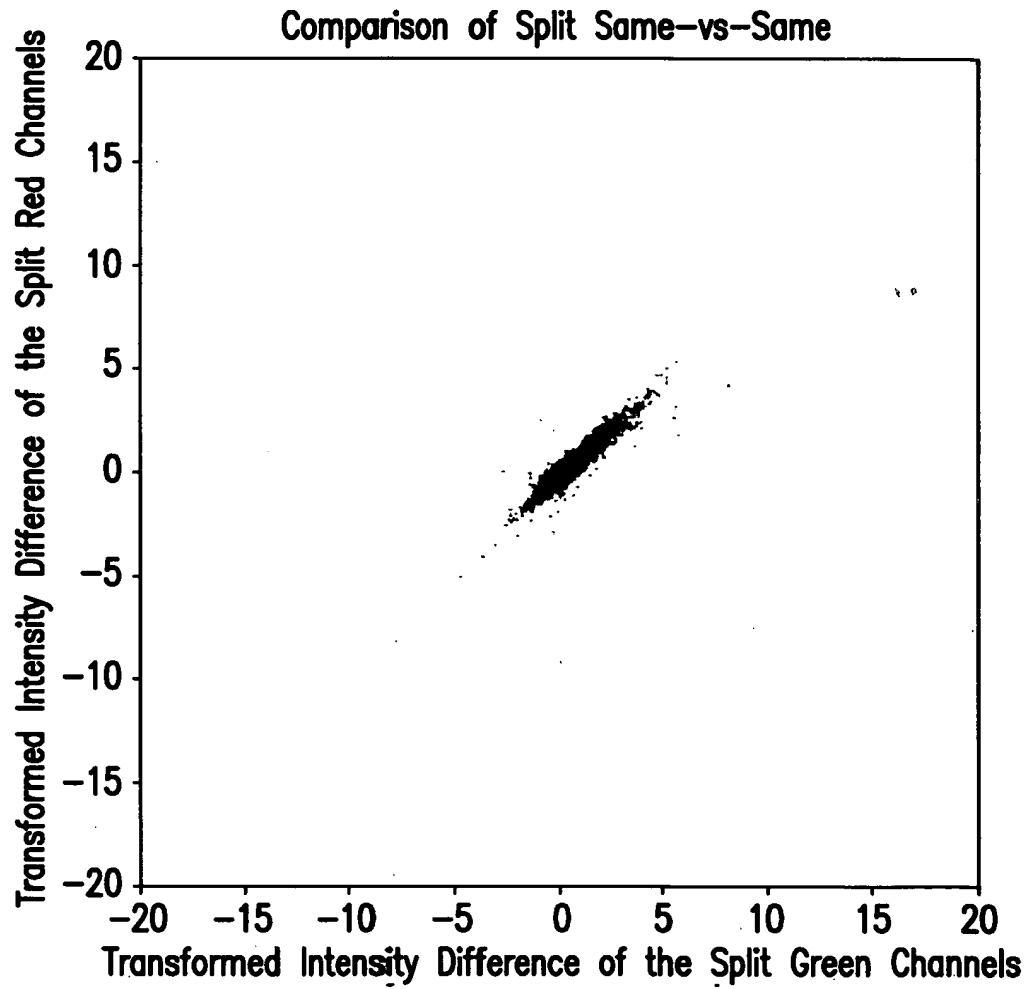


FIG.8

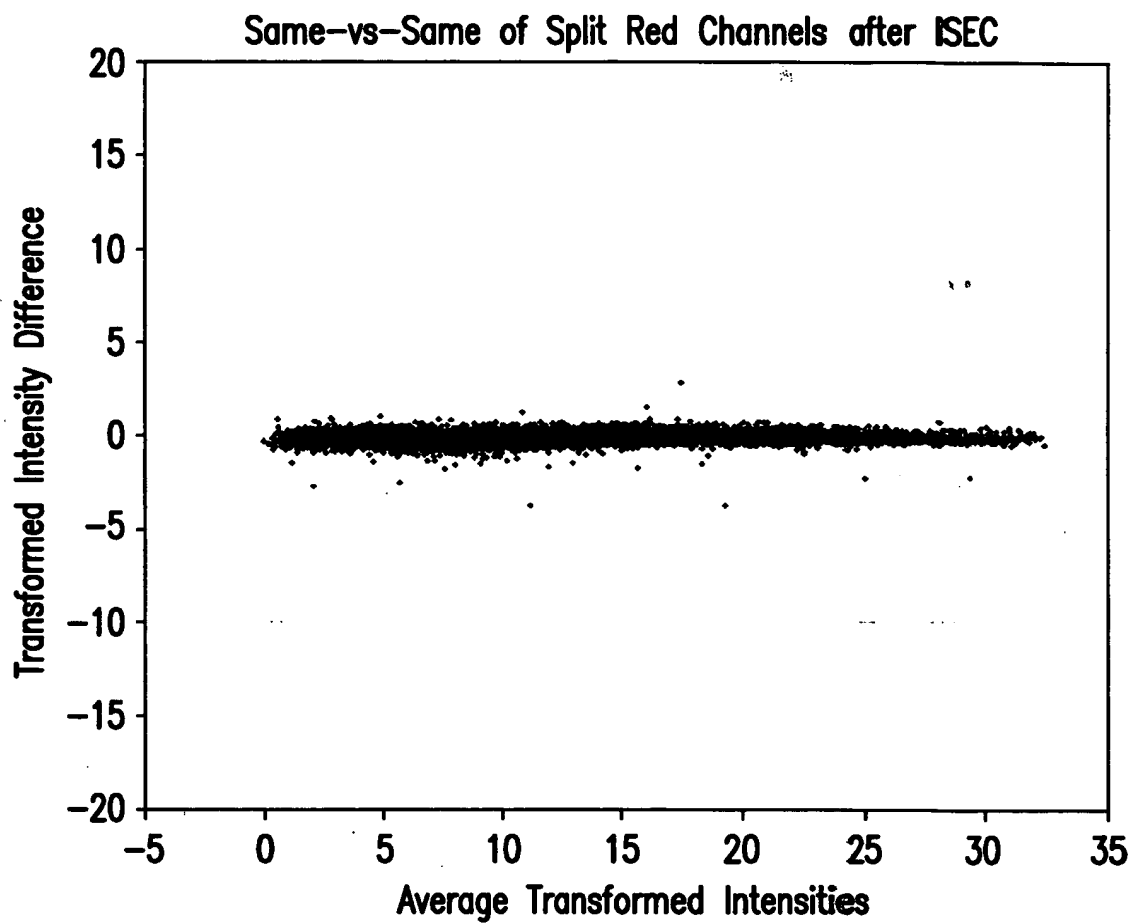


FIG.9

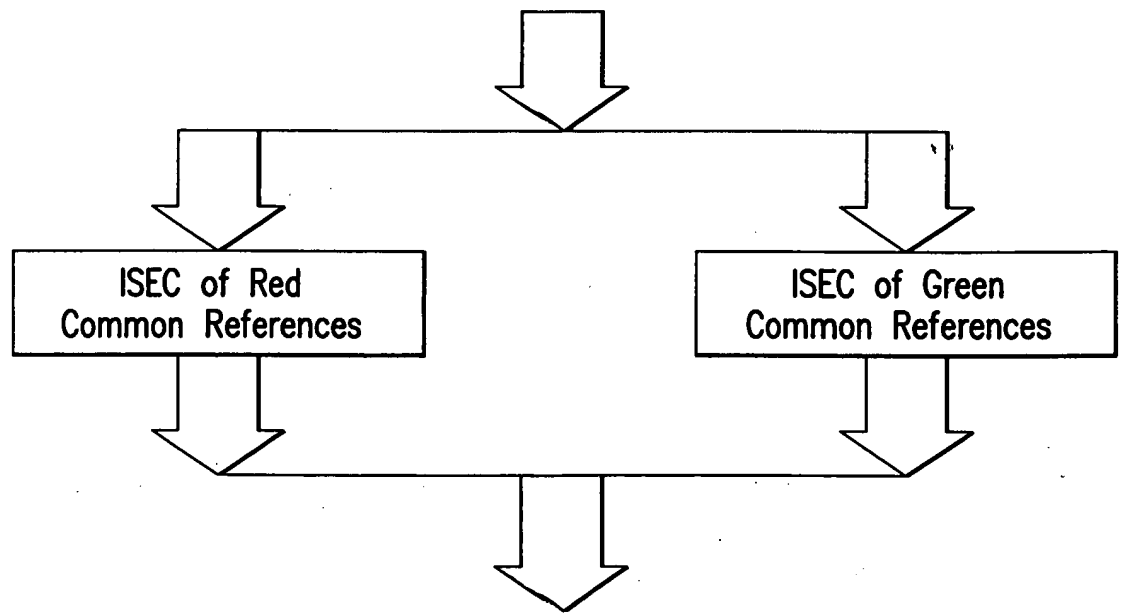


FIG. 10

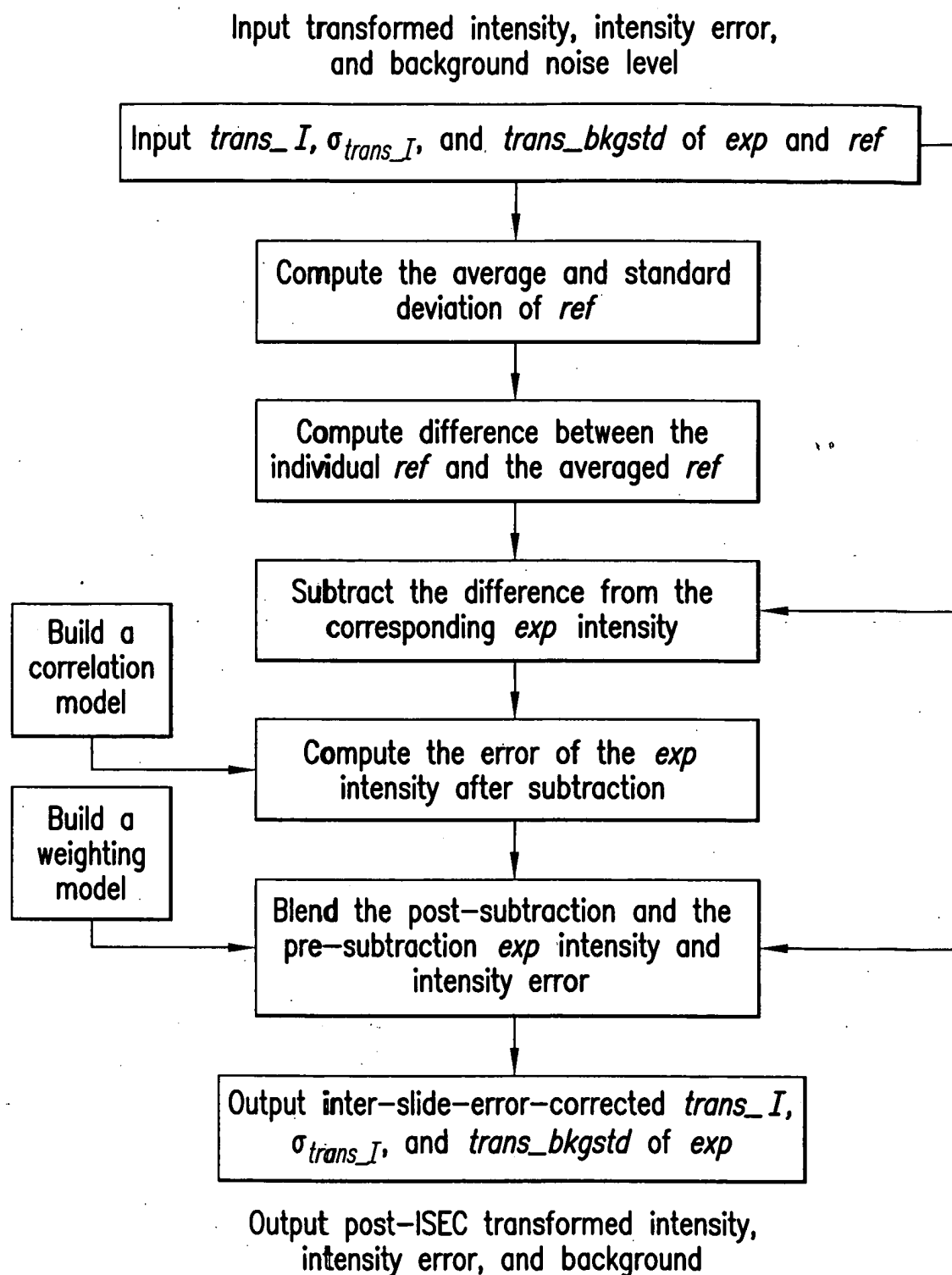


FIG. 11

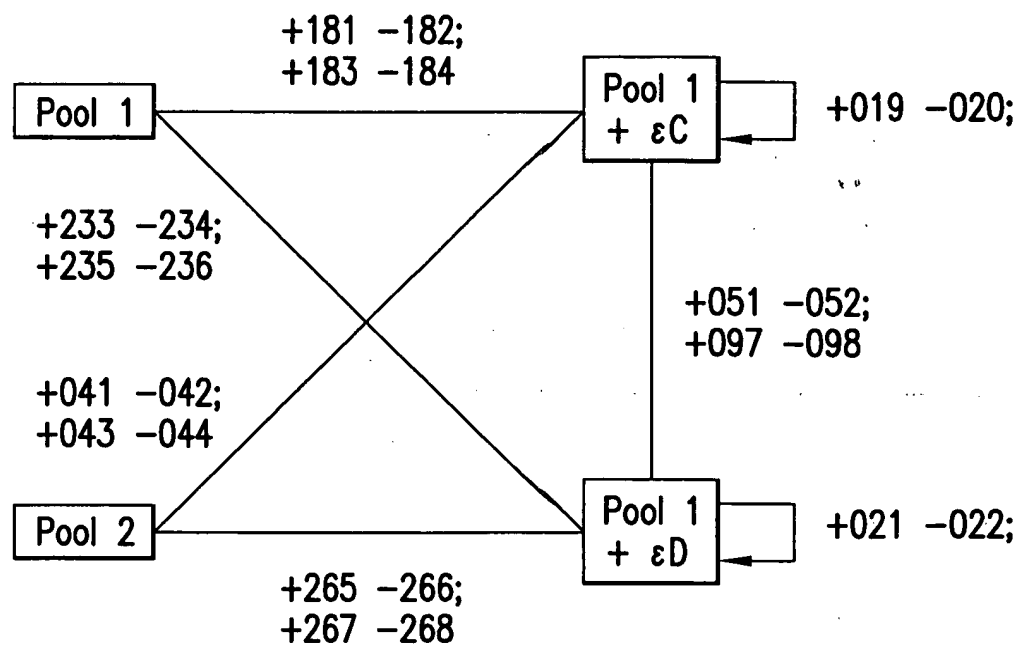


FIG.12

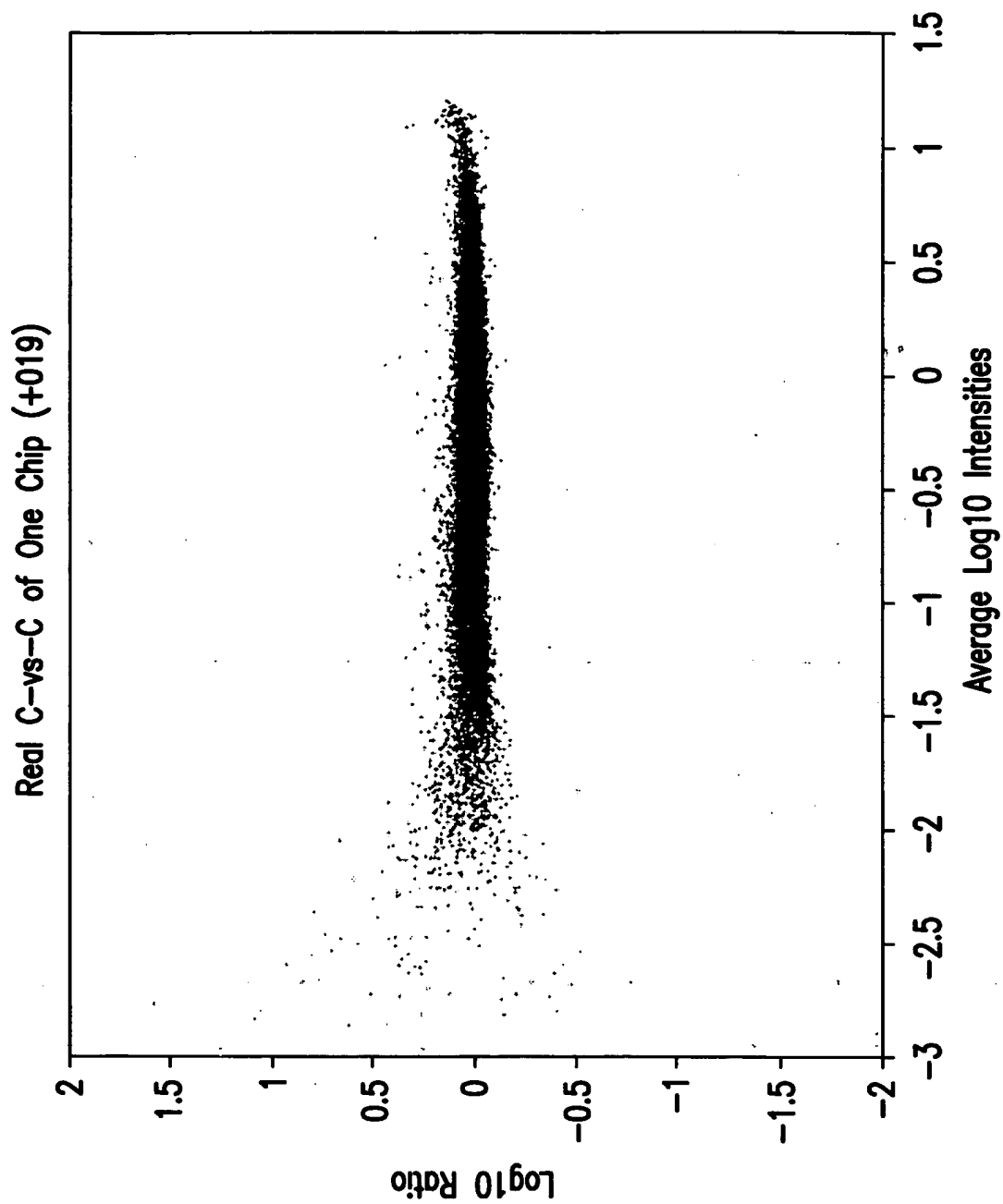


FIG.13

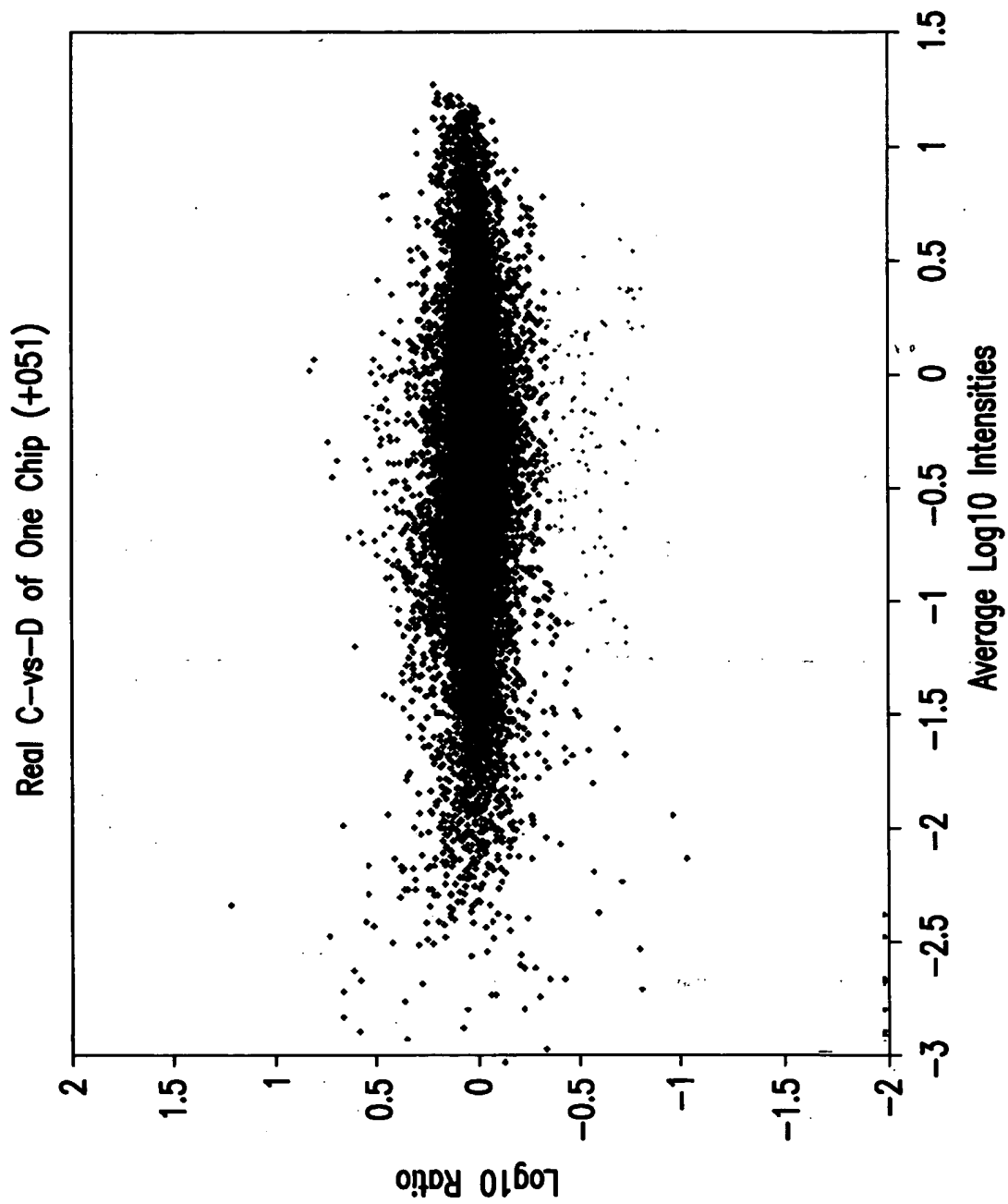


FIG.14

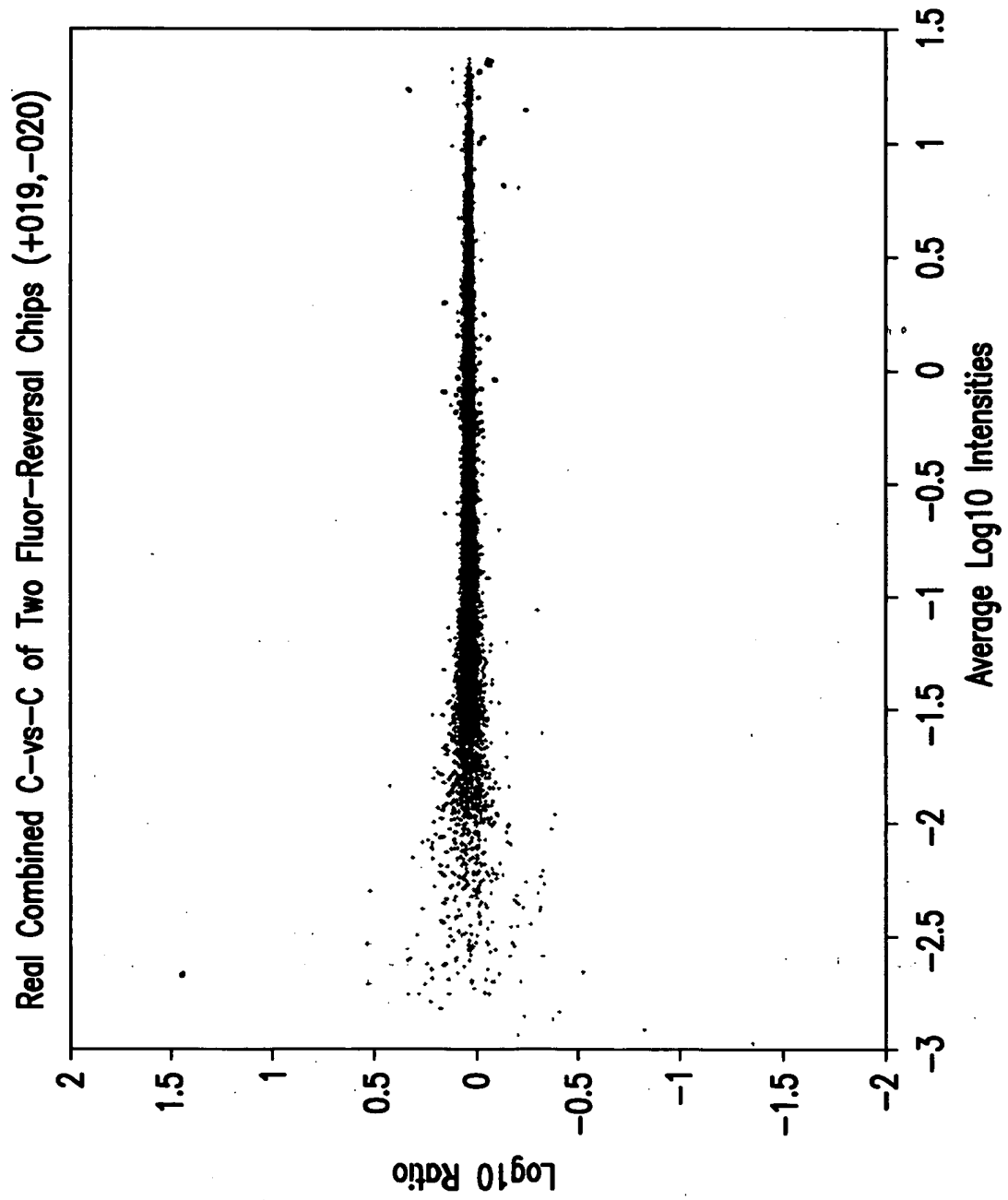


FIG.15

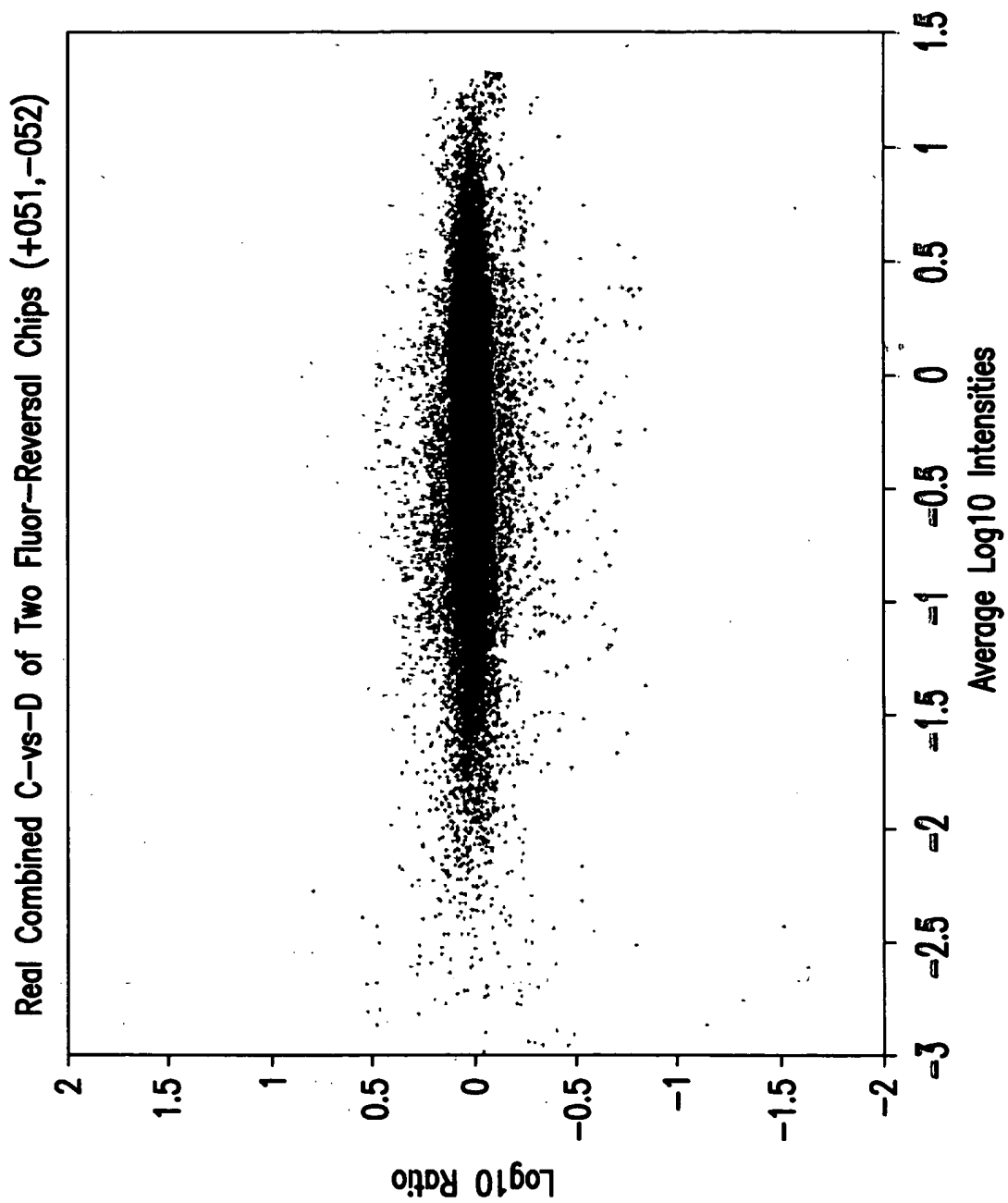
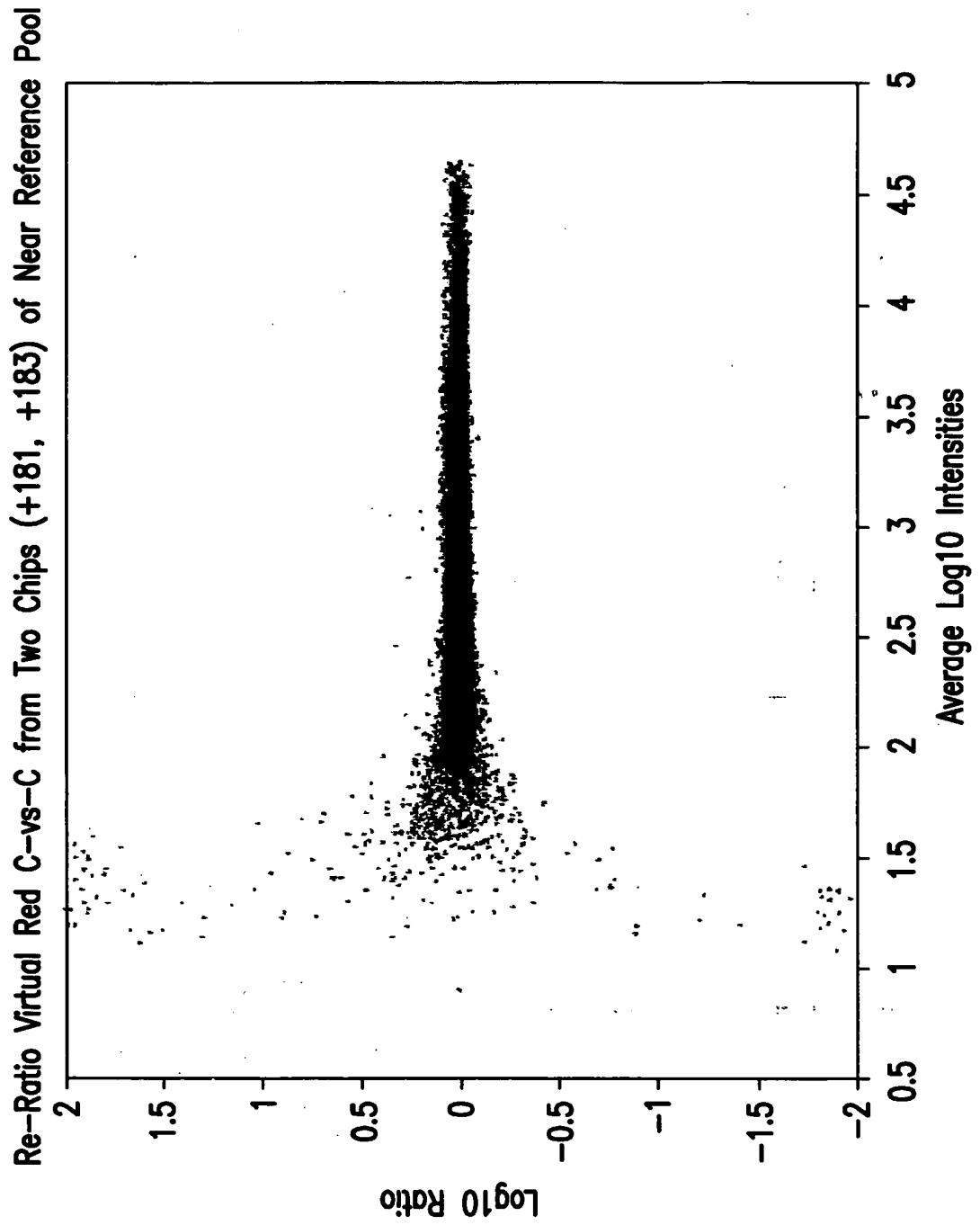


FIG.16



Re-Ratio Virtual of Different Color C--vs--C from Two Chips (+181, -182) of Near Reference Pool

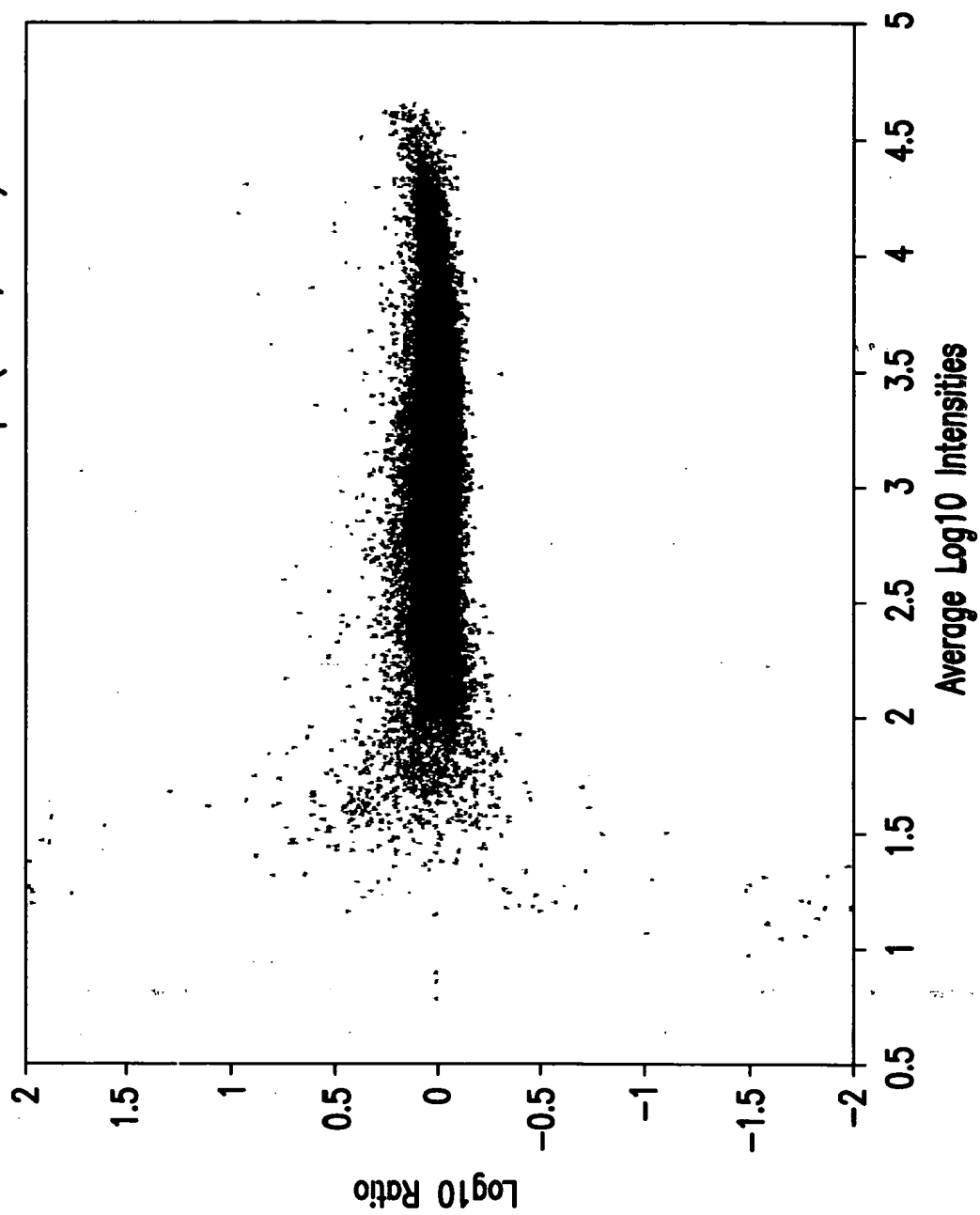
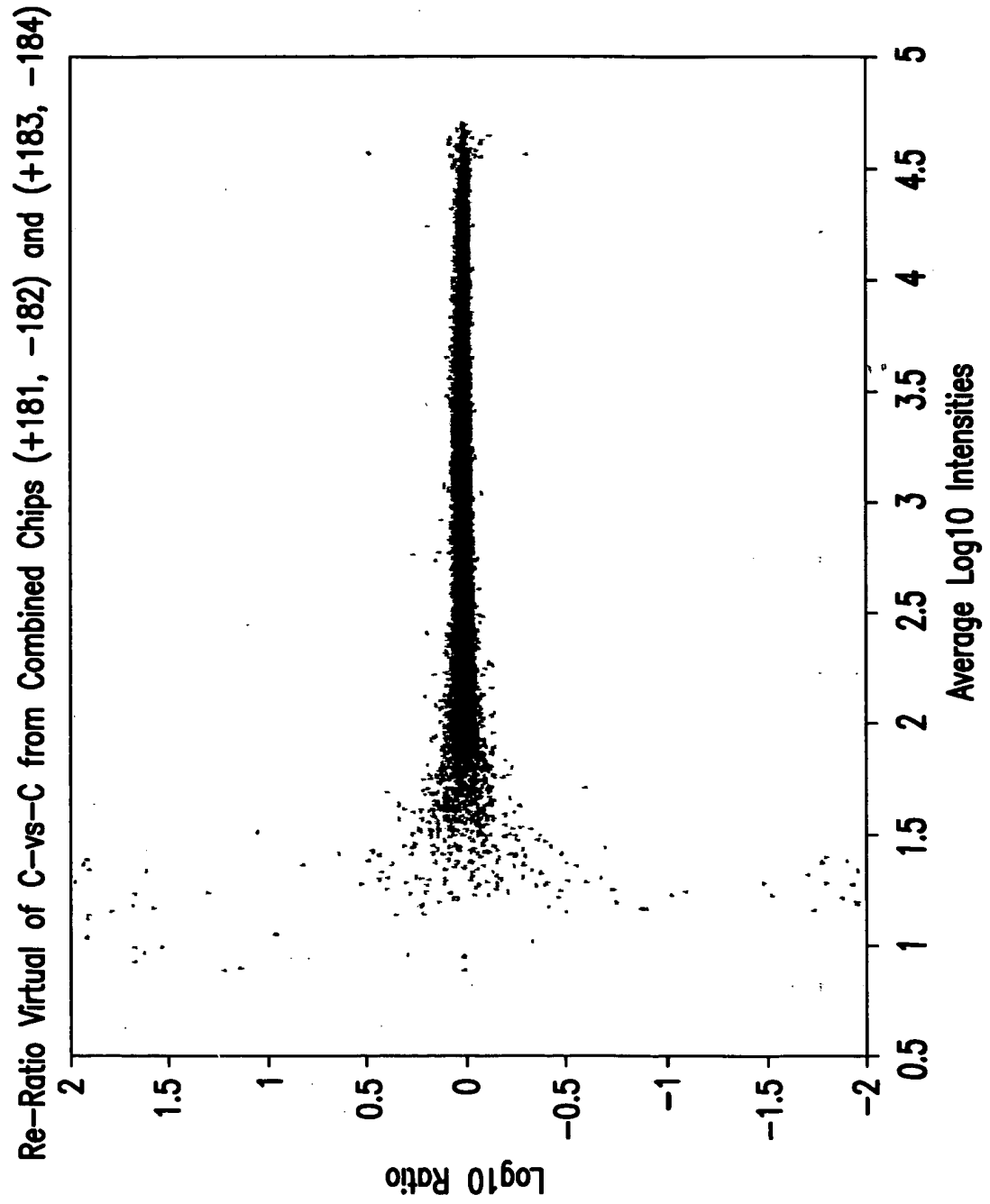
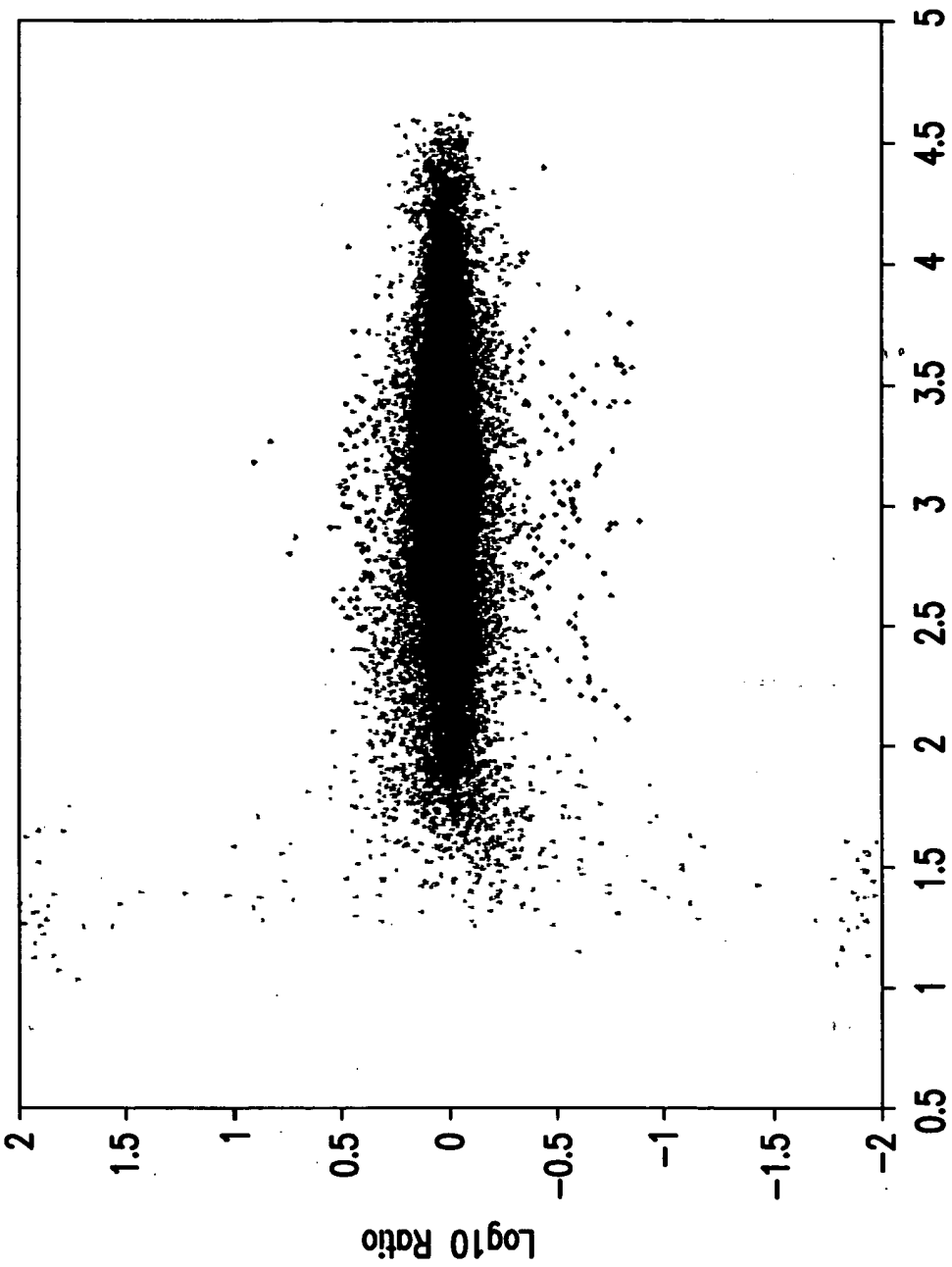


FIG.18



Re-Ratio Virtual of Red C-vs-D from Two Chips (+233, +181) of Near Reference Pool



Average Log10 Intensities

FIG.20

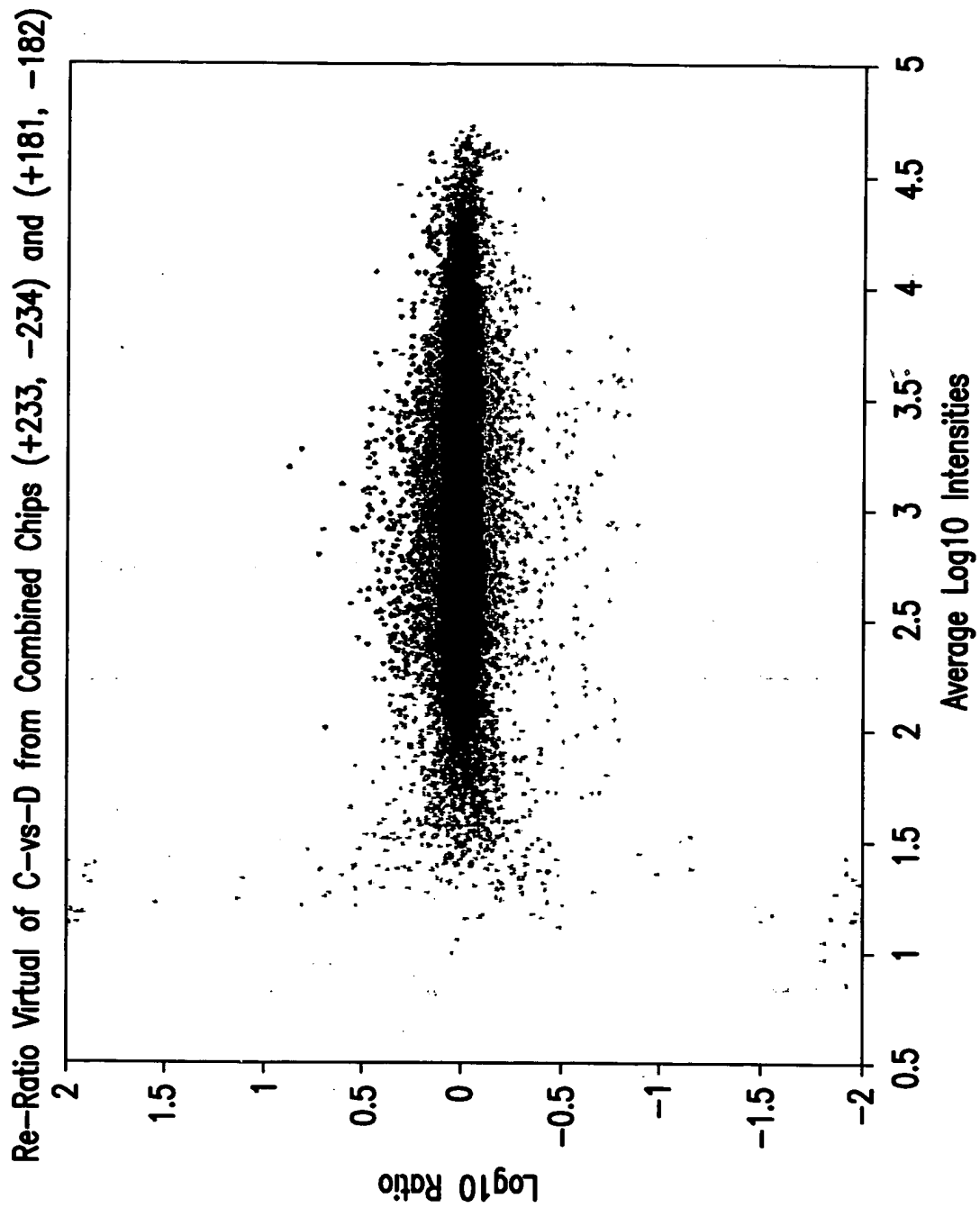
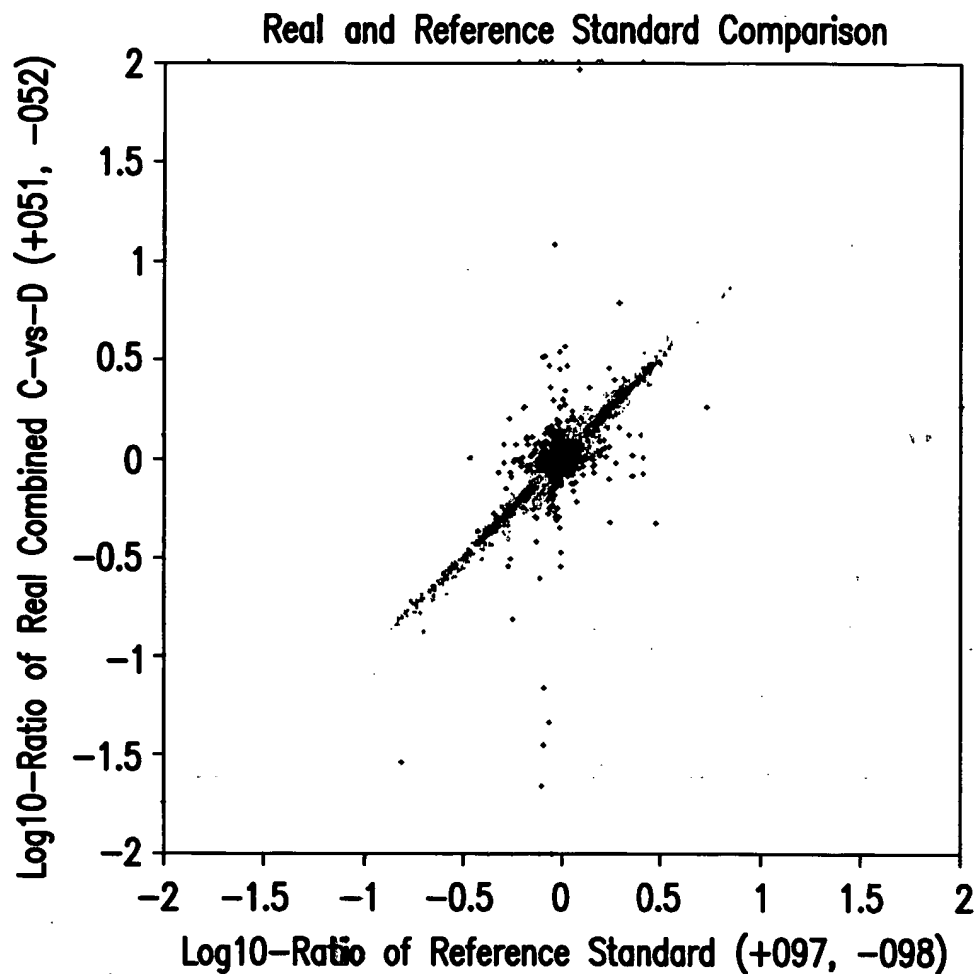
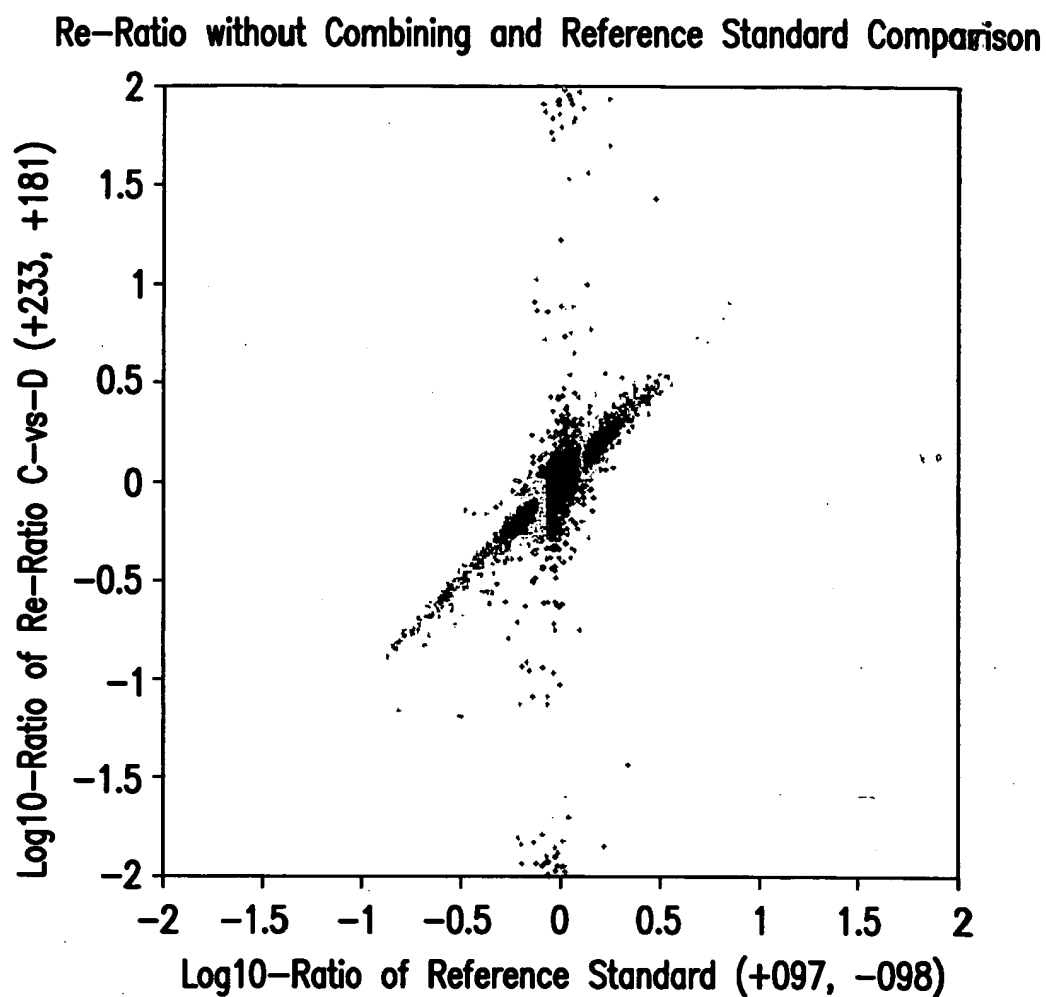


FIG.21



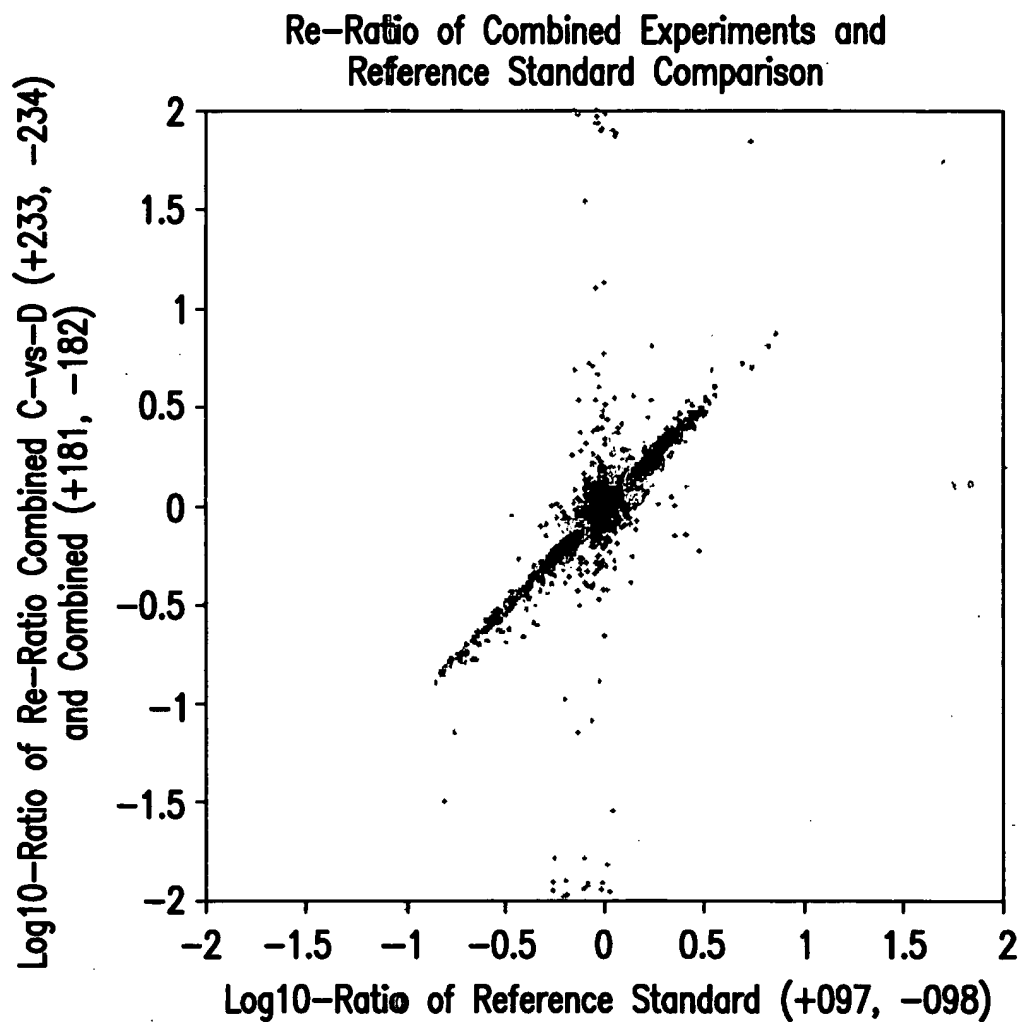
Y Signature = 6.3 percent
X Signature = 6.02 percent
Y Only = 0.738 percent
X Only = 0.458 percent
Signature in Both = 5.56 percent
Signature Union Correlation = 0.997

FIG.22



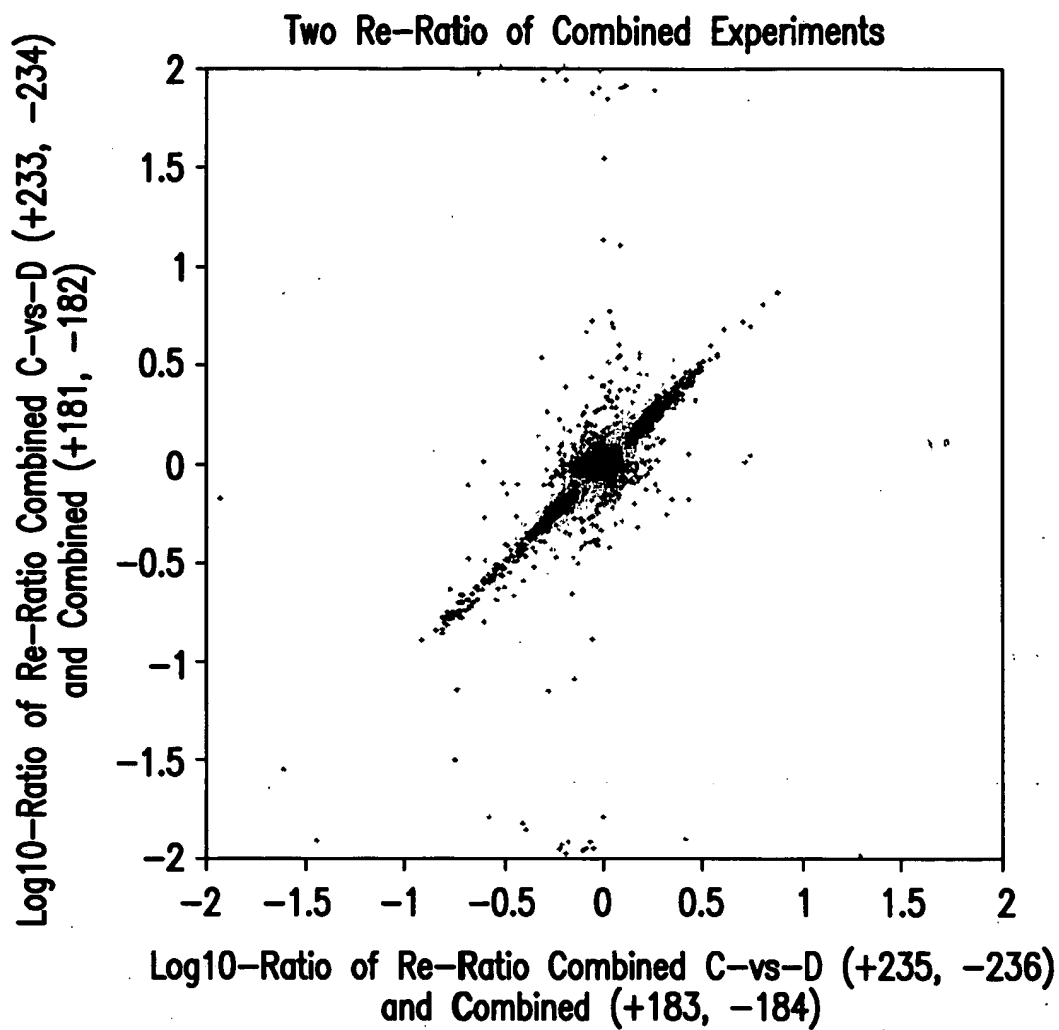
Y Signature = 0.757 percent
X Signature = 6.02 percent
Y Only = 0.0233 percent
X Only = 5.29 percent
Signature in Both = 0.734 percent
Signature Union Correlation = 0.98

FIG.23



Y Signature = 6.04 percent
X Signature = 6.02 percent
Y Only = 0.78 percent
X Only = 0.765 percent
Signature in Both = 5.26 percent
Signature Union Correlation = 0.994

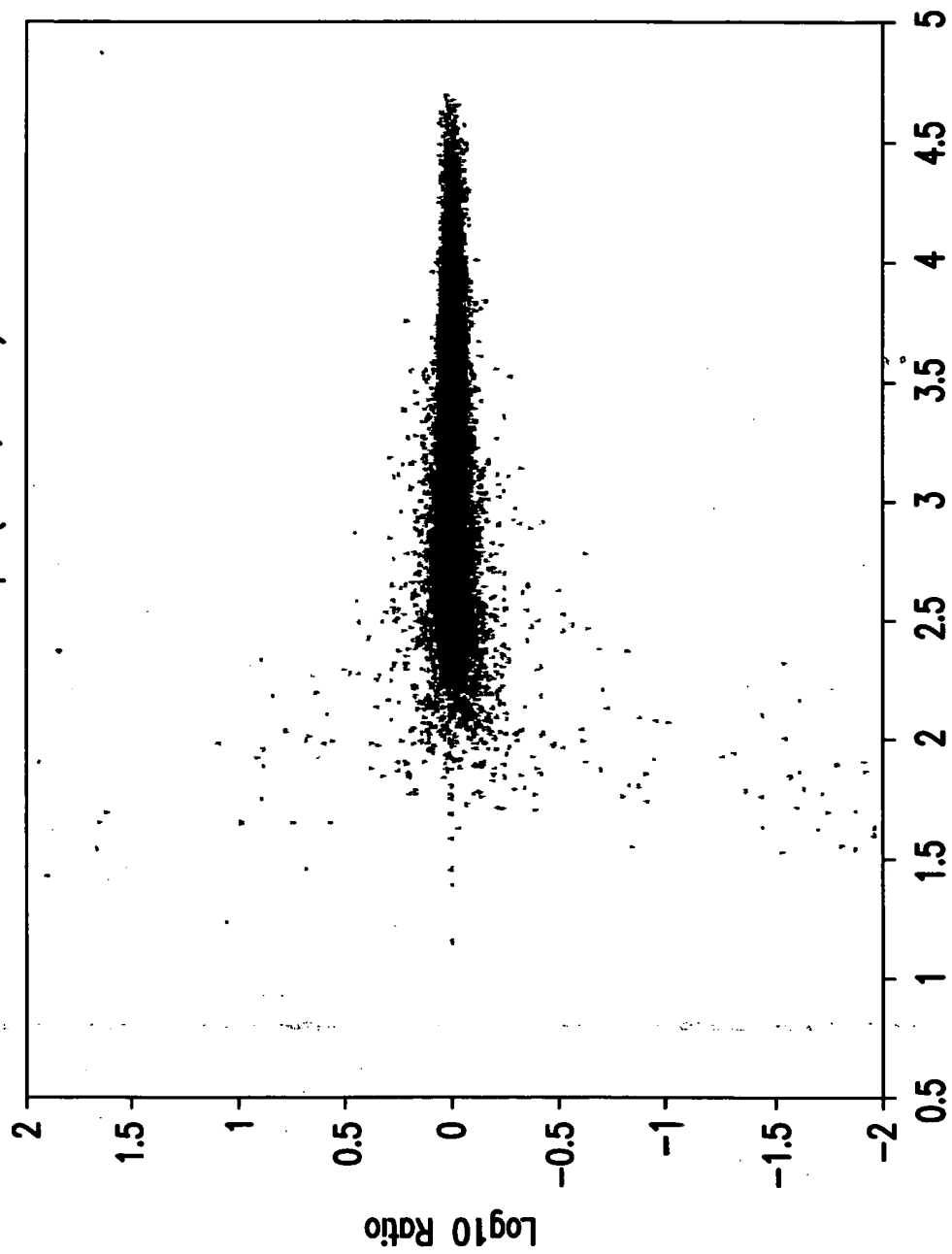
FIG.24



Y Signature = 6.04 percent
X Signature = 6.18 percent
Y Only = 0.757 percent
X Only = 0.901 percent
Signature in Both = 5.28 percent
Signature Union Correlation = 0.995

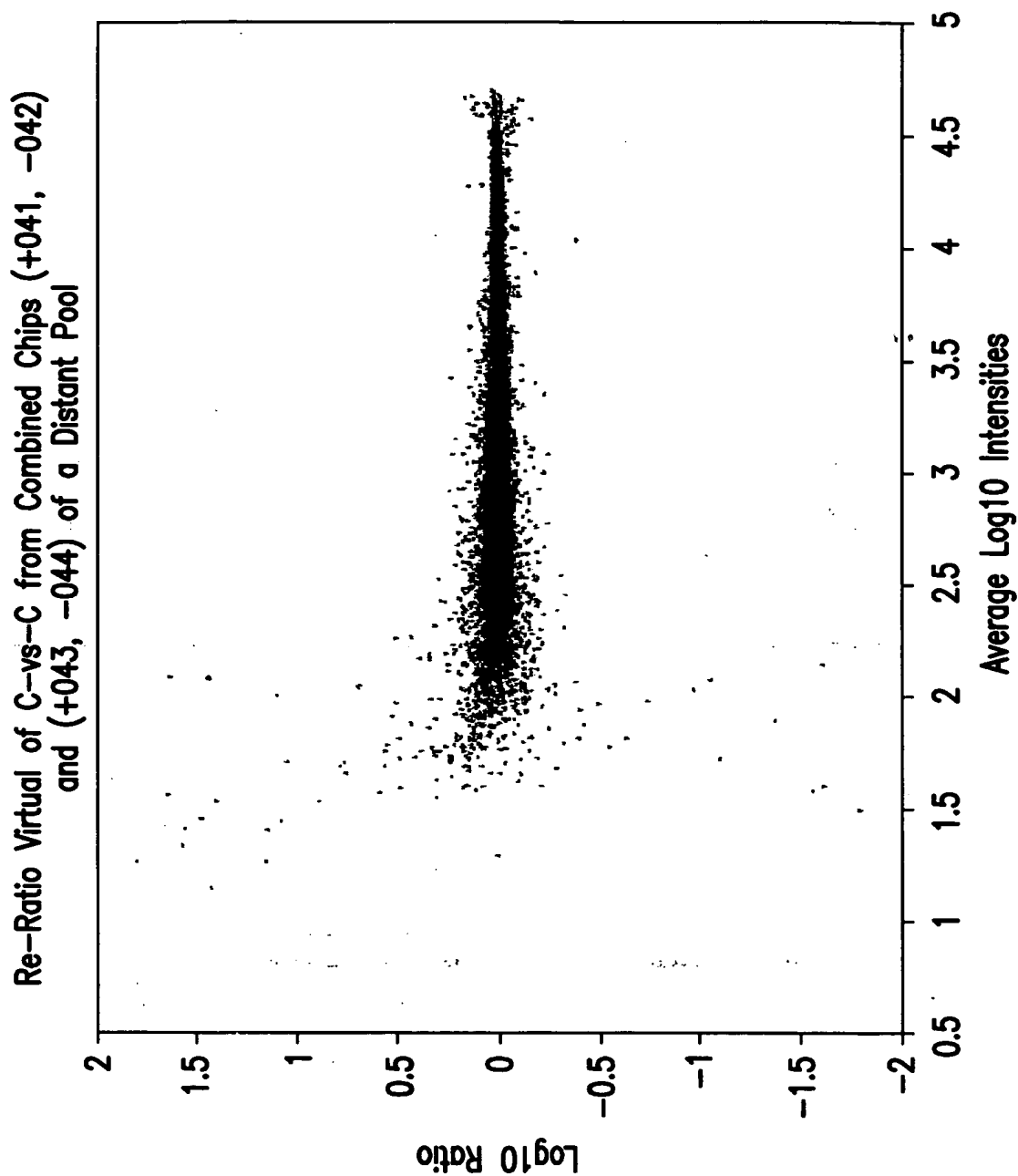
FIG.25

Re-Ratio Virtual Red C-vs-C from Two Chips (+041, +043) of Distant Reference Pool



Average Log10 Intensities

FIG.26



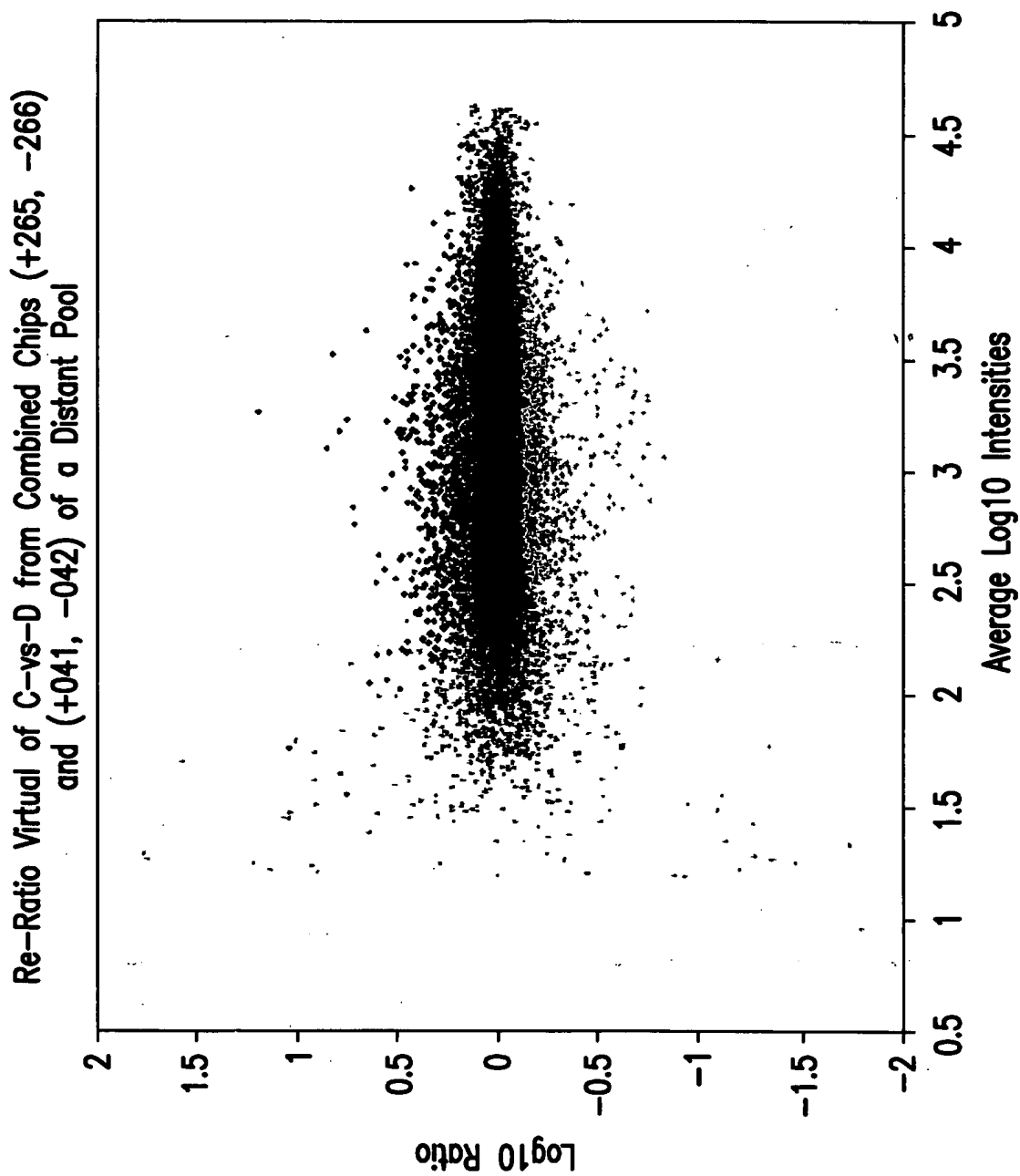
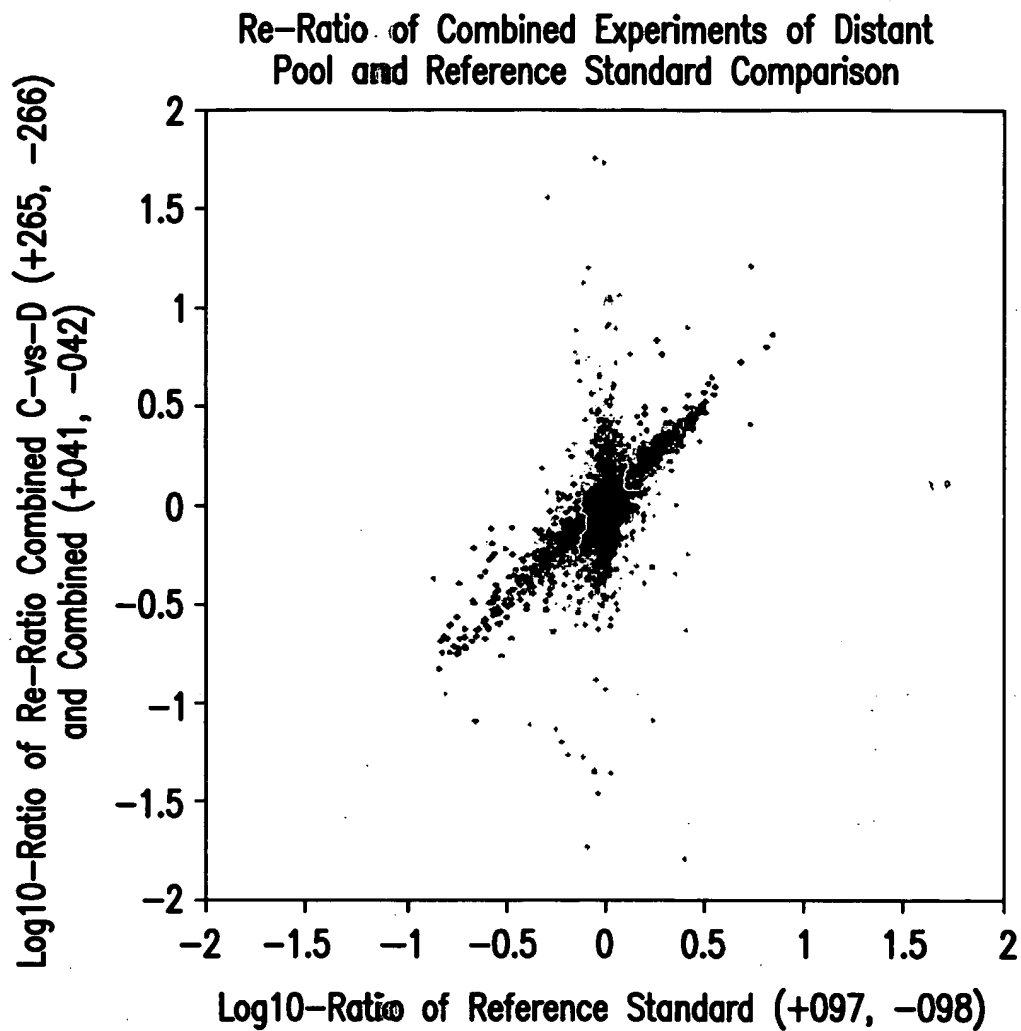
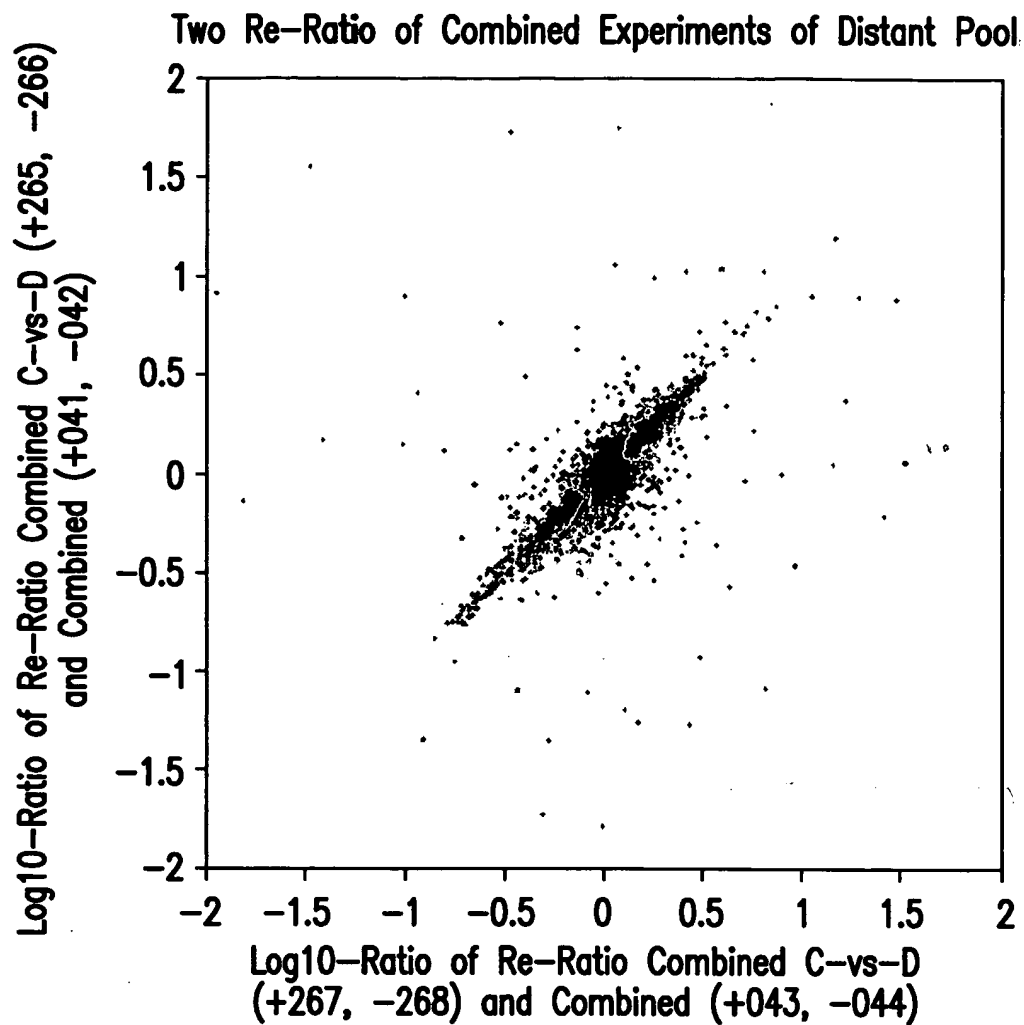


FIG.28



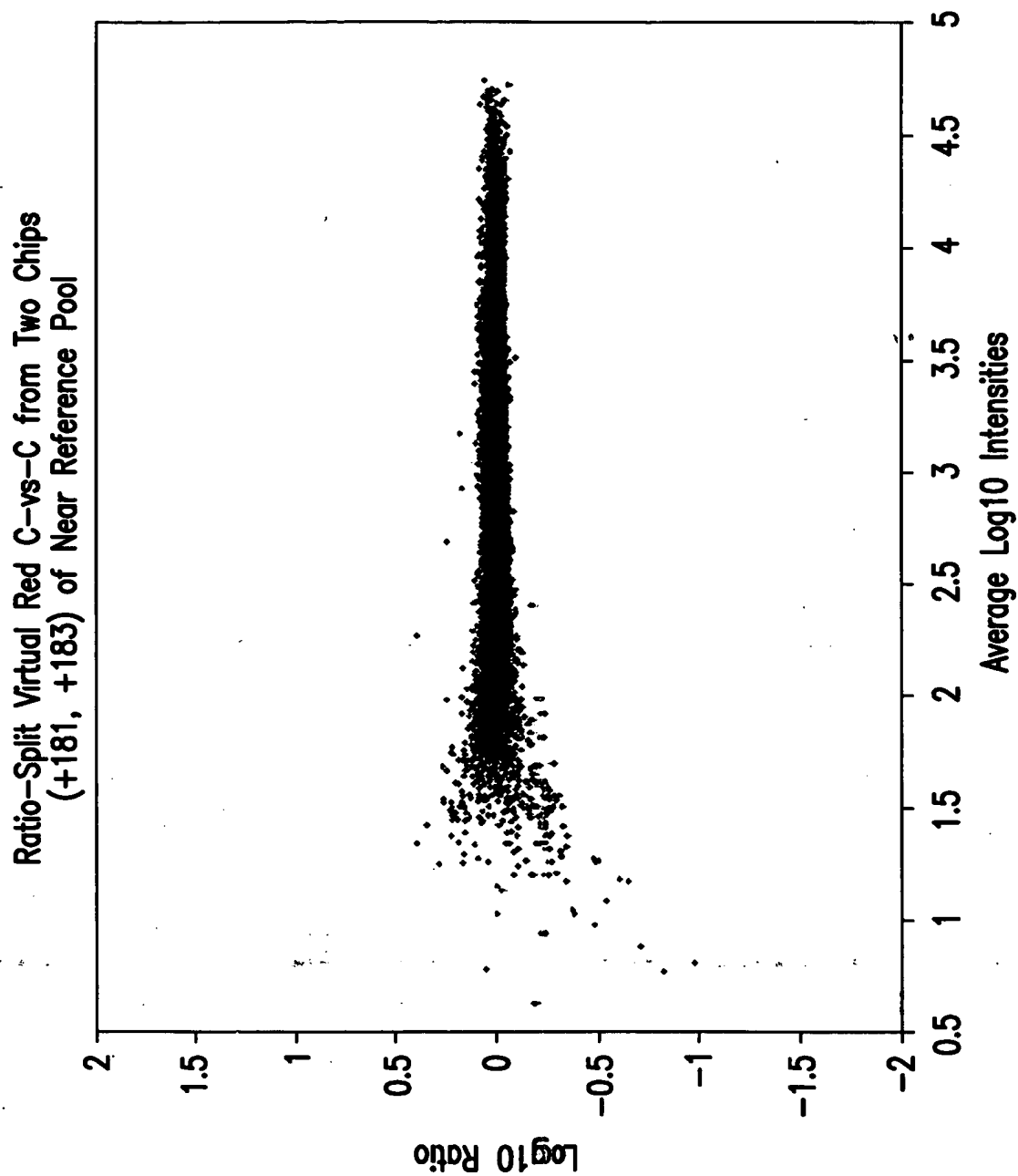
Y Signature = 6.23 percent
X Signature = 6.02 percent
Y Only = 1.78 percent
X Only = 1.57 percent
Signature in Both = 4.45 percent
Signature Union Correlation = 0.892

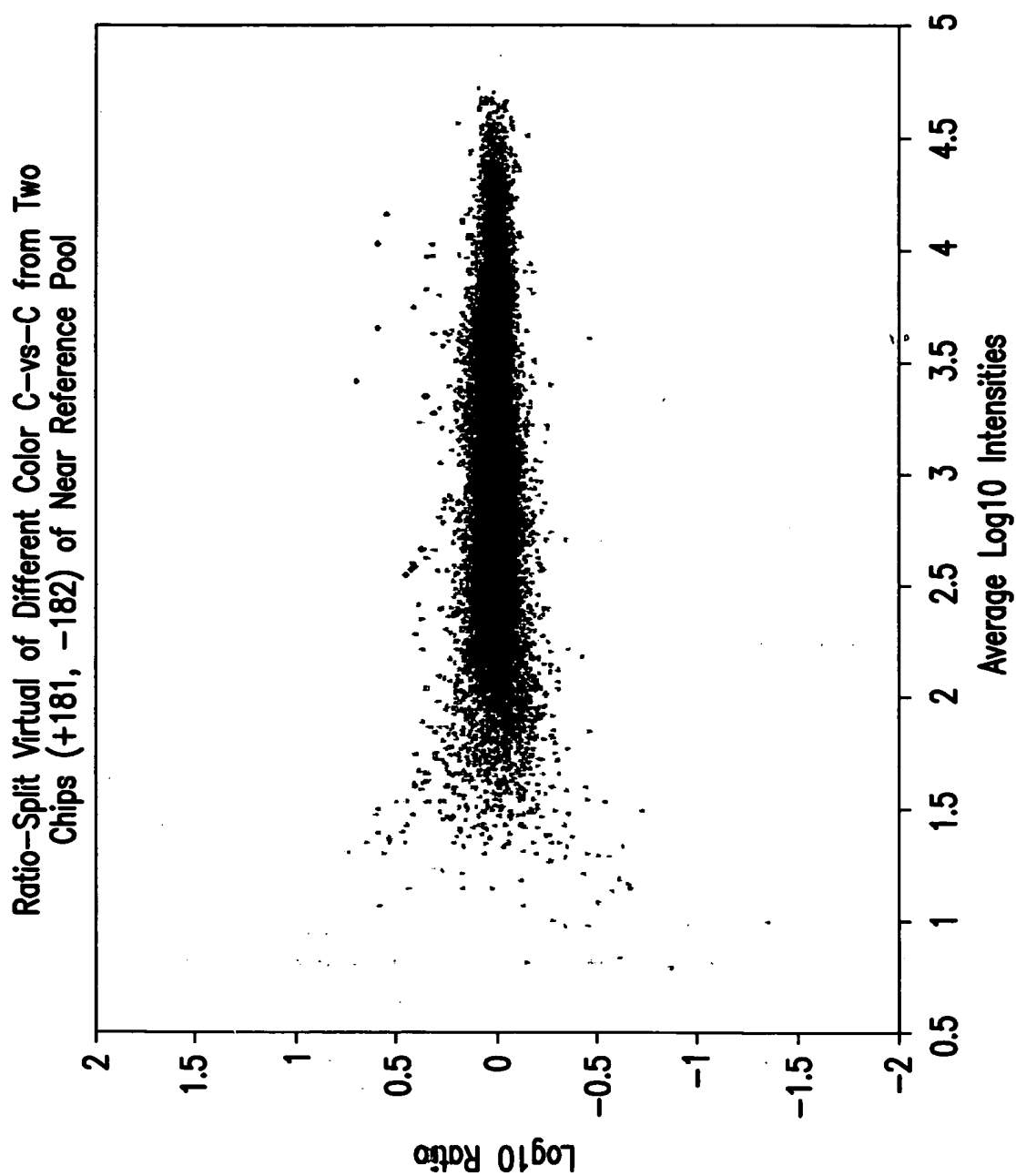
FIG.29



Y Signature = 6.23 percent
X Signature = 5.43 percent
Y Only = 1.53 percent
X Only = 0.73 percent
Signature in Both = 4.7 percent
Signature Union Correlation = 0.962

FIG.30





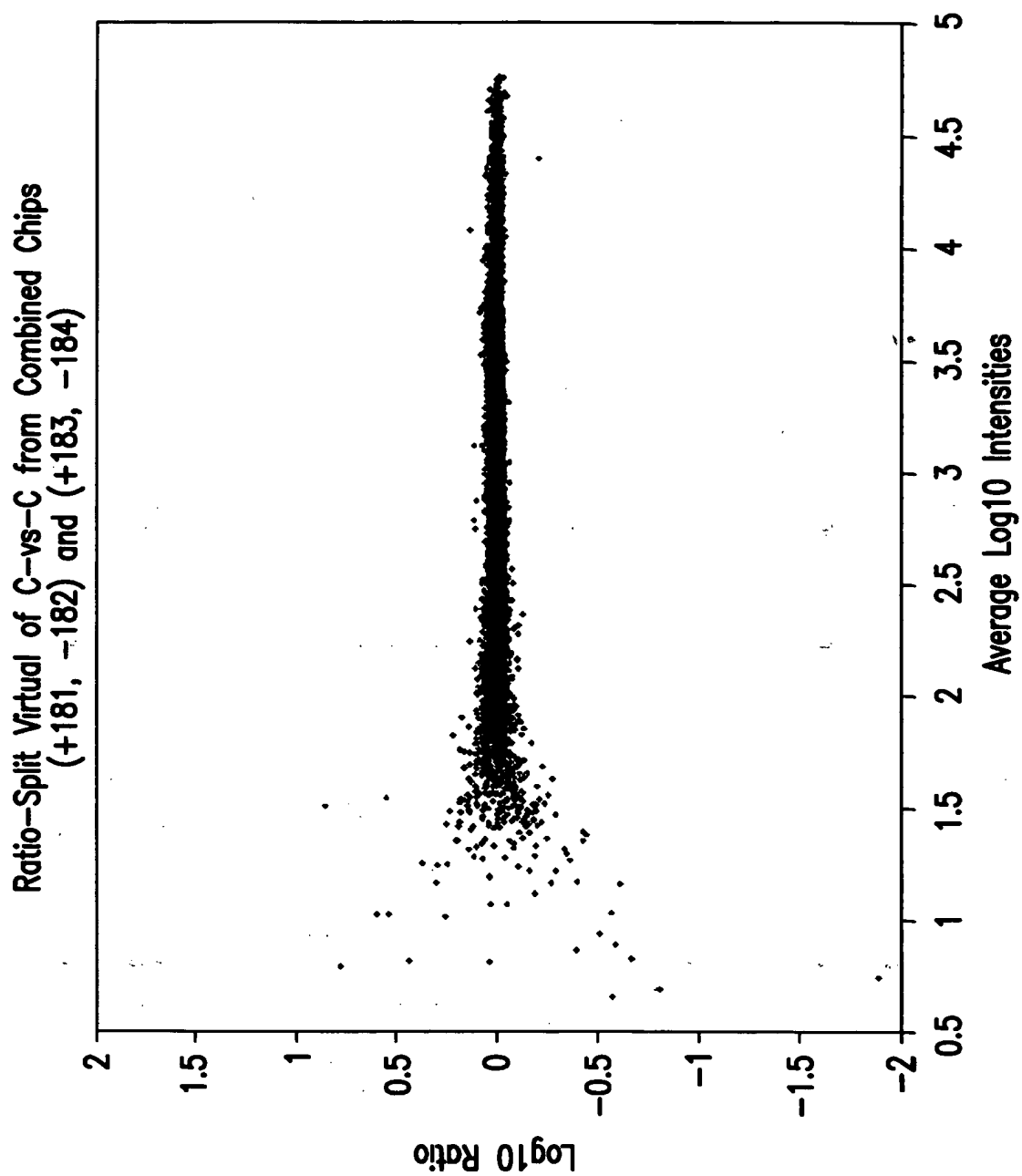


FIG.33

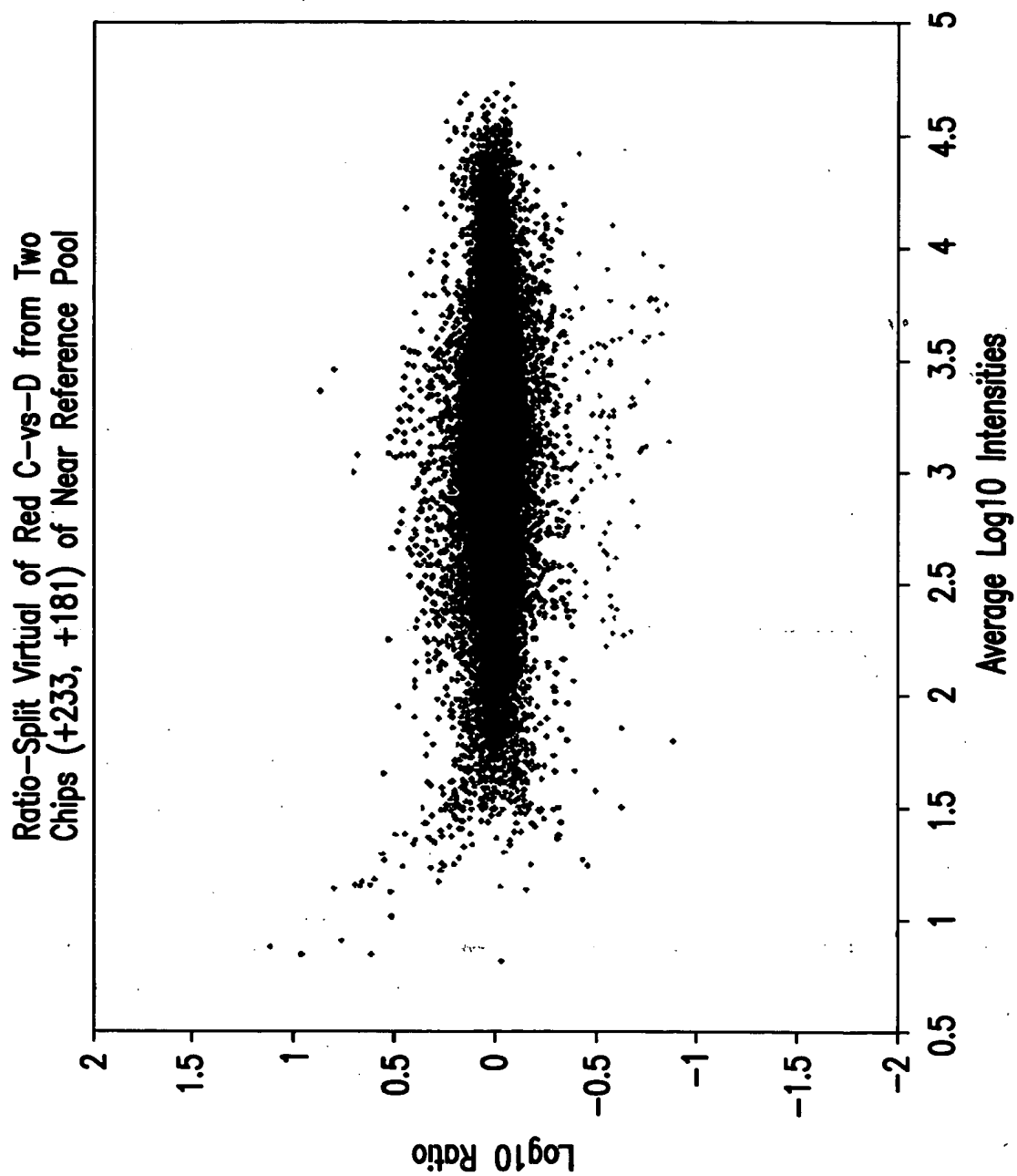


FIG.34

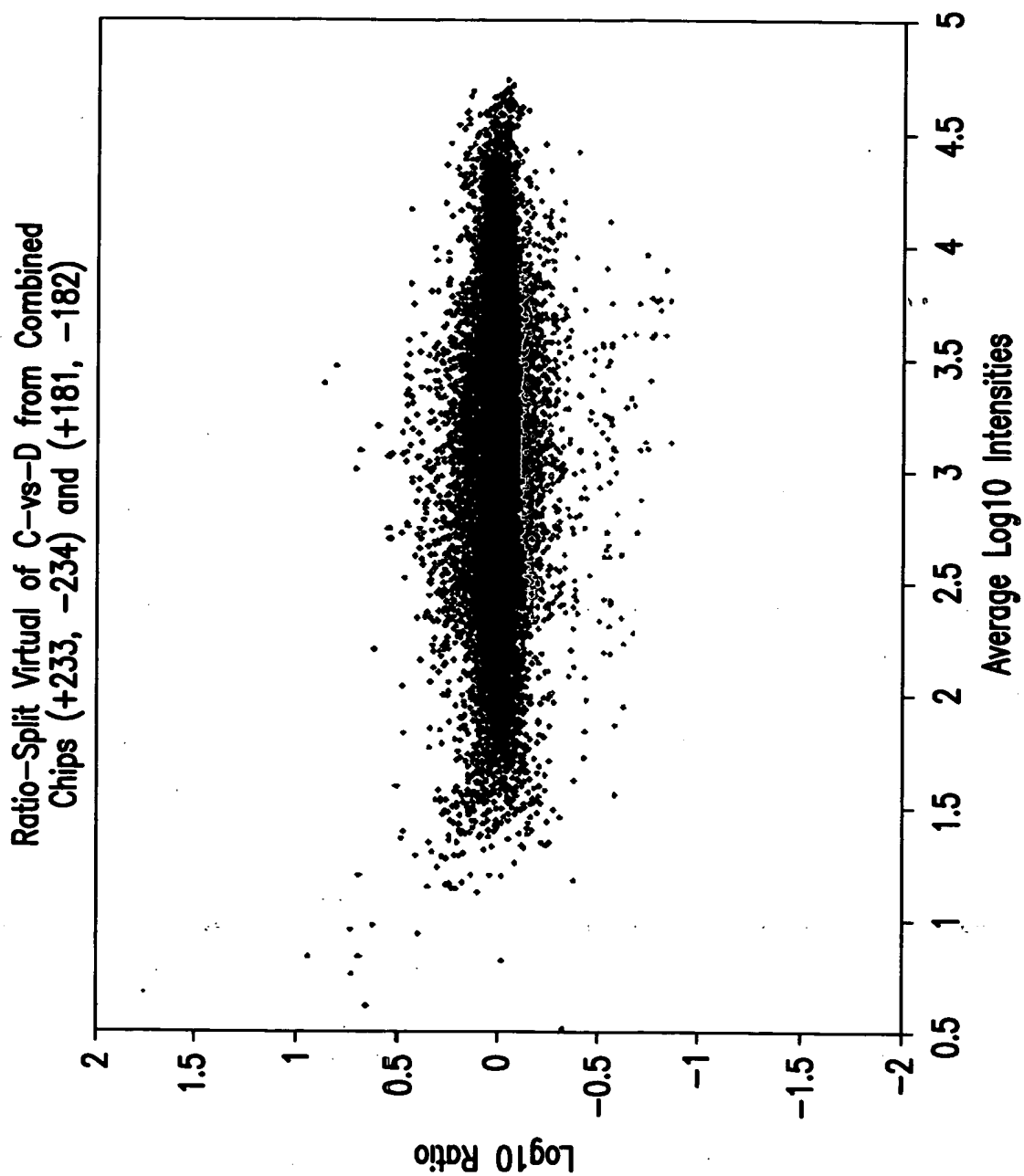
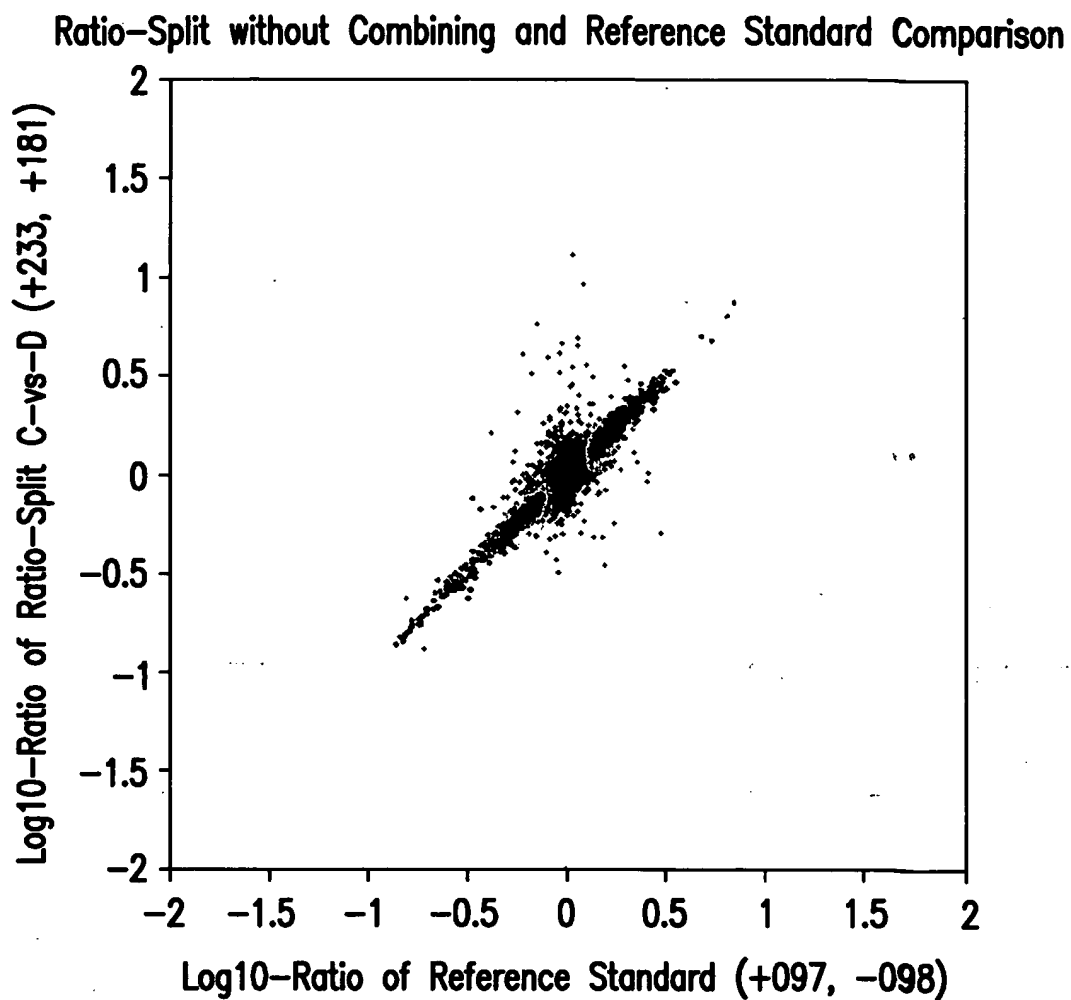
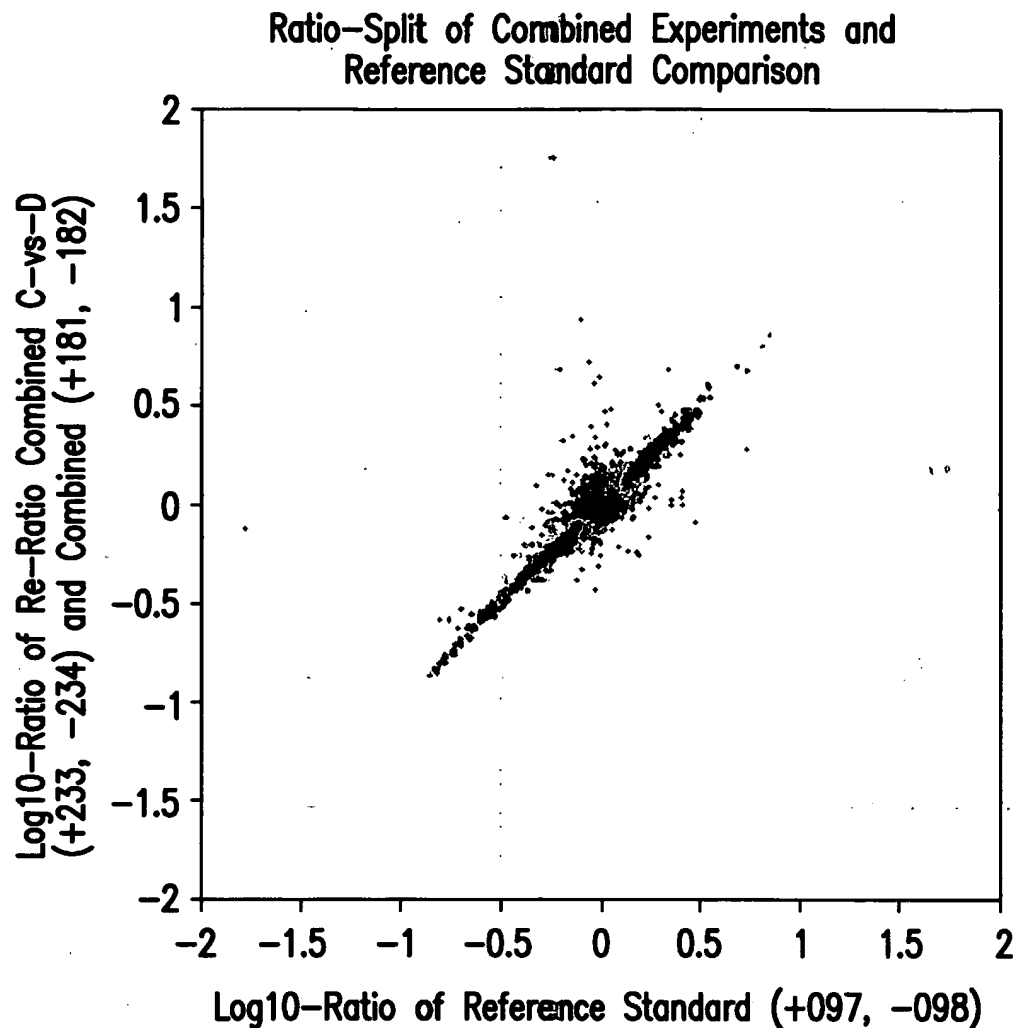


FIG.35



Y Signature = 0.916 percent
X Signature = 6.02 percent
Y Only = 0.0311 percent
X Only = 5.14 percent
Signature in Both = 0.885 percent
Signature Union Correlation = 0.959

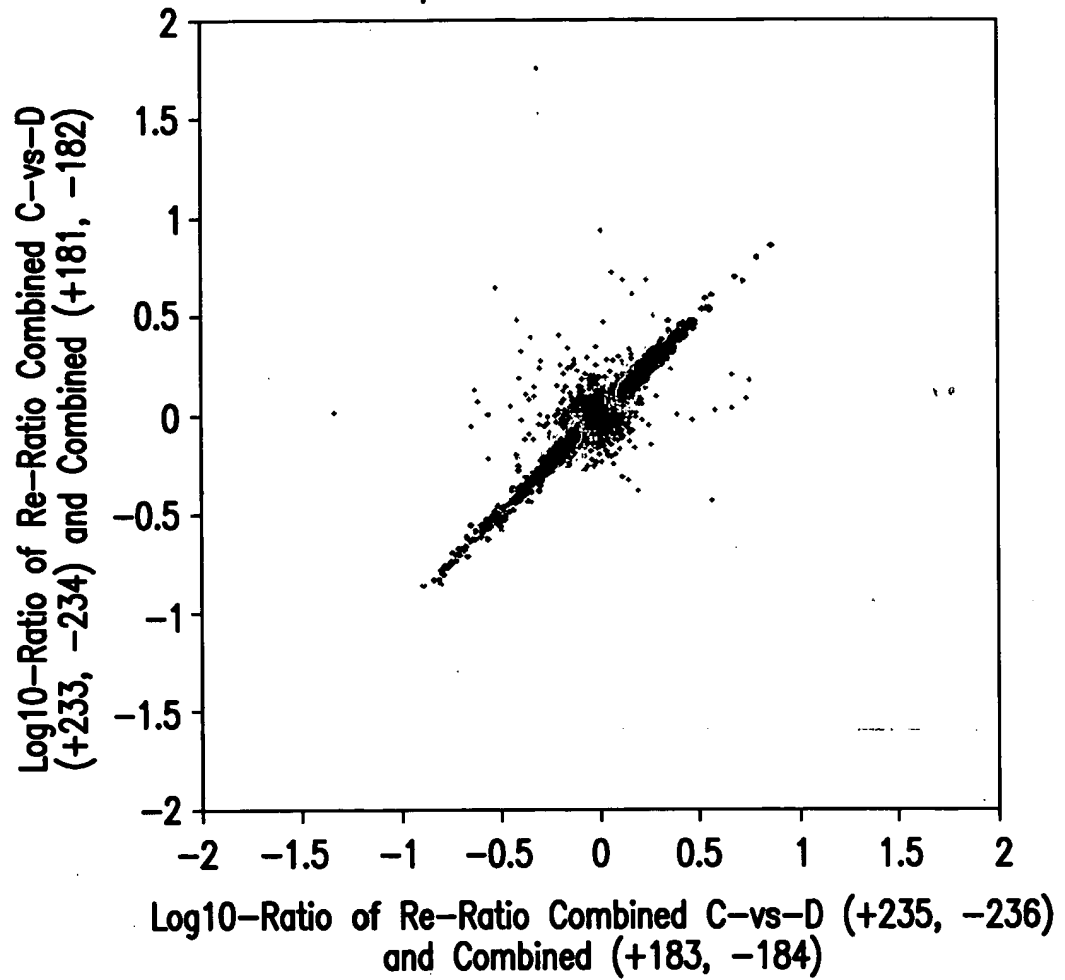
FIG.36



Y Signature = 7.15 percent
X Signature = 6.02 percent
Y Only = 1.77 percent
X Only = 0.641 percent
Signature in Both = 5.38 percent
Signature Union Correlation = 0.995

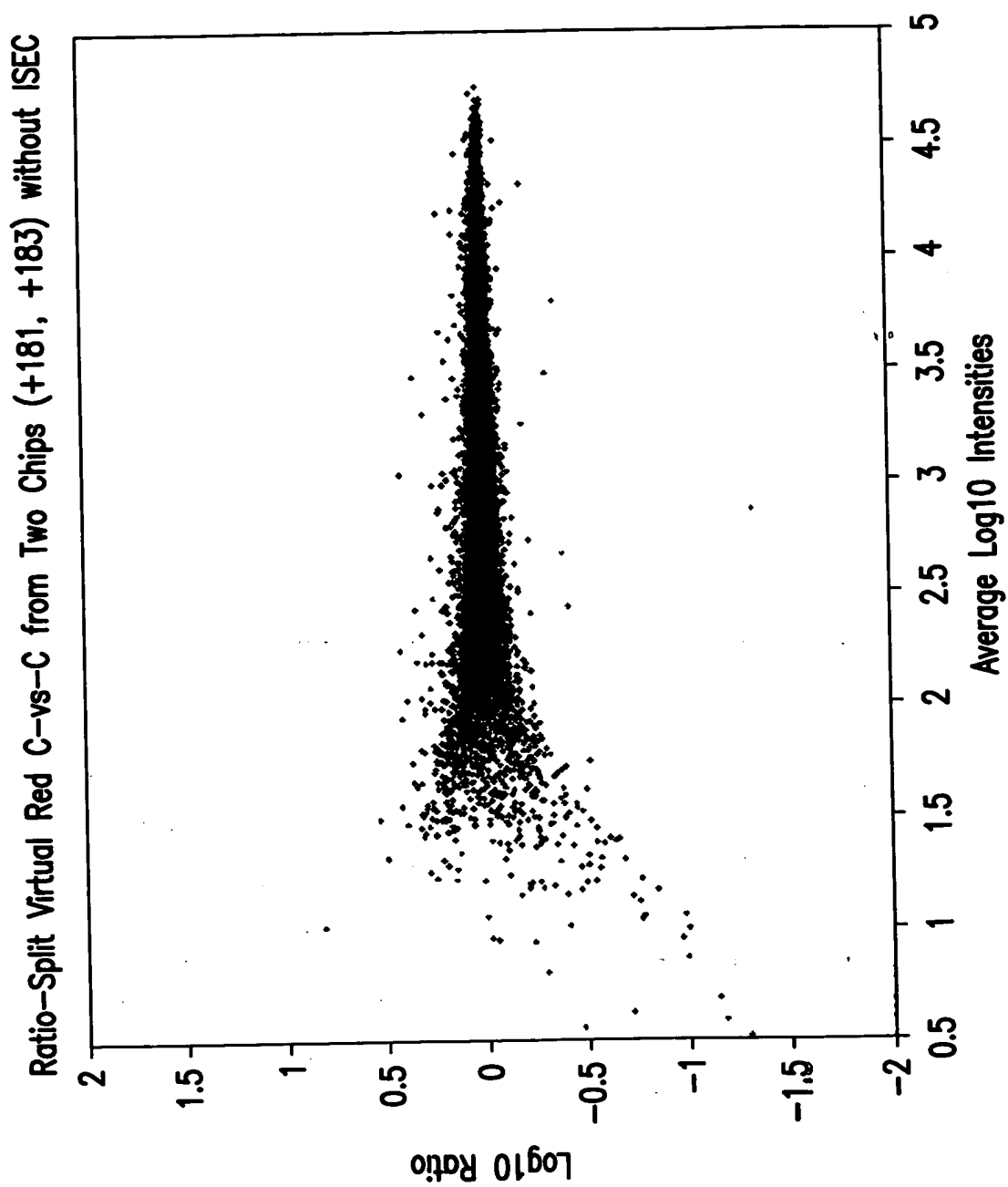
FIG.37

Two Ratio-Splitter Results of Combined
Experiments of Near Pool



Y Signature = 7.15 percent
X Signature = 7.27 percent
Y Only = 1.02 percent
X Only = 1.15 percent
Signature in Both = 6.13 percent
Signature Union Correlation = 0.994

FIG.38



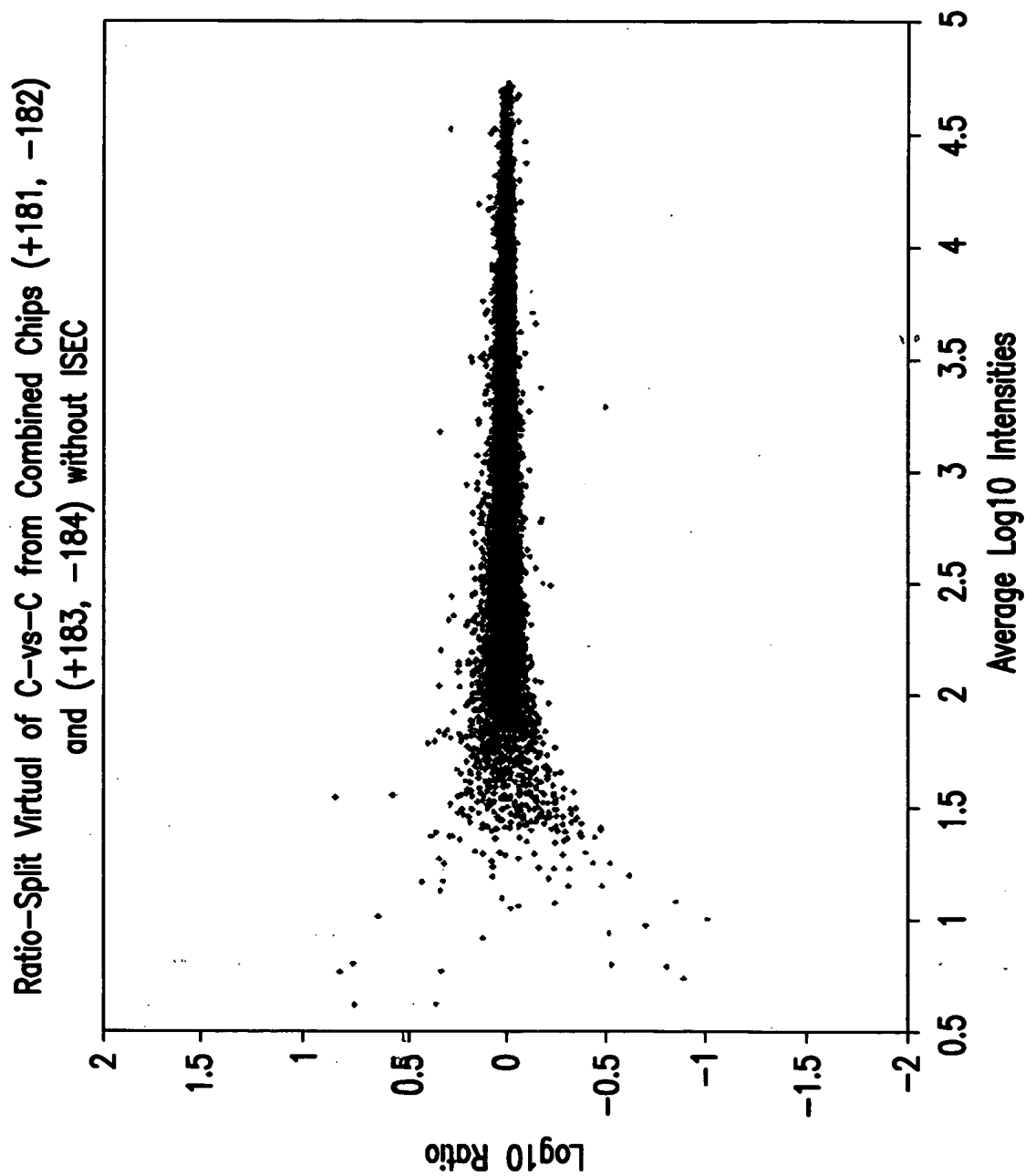
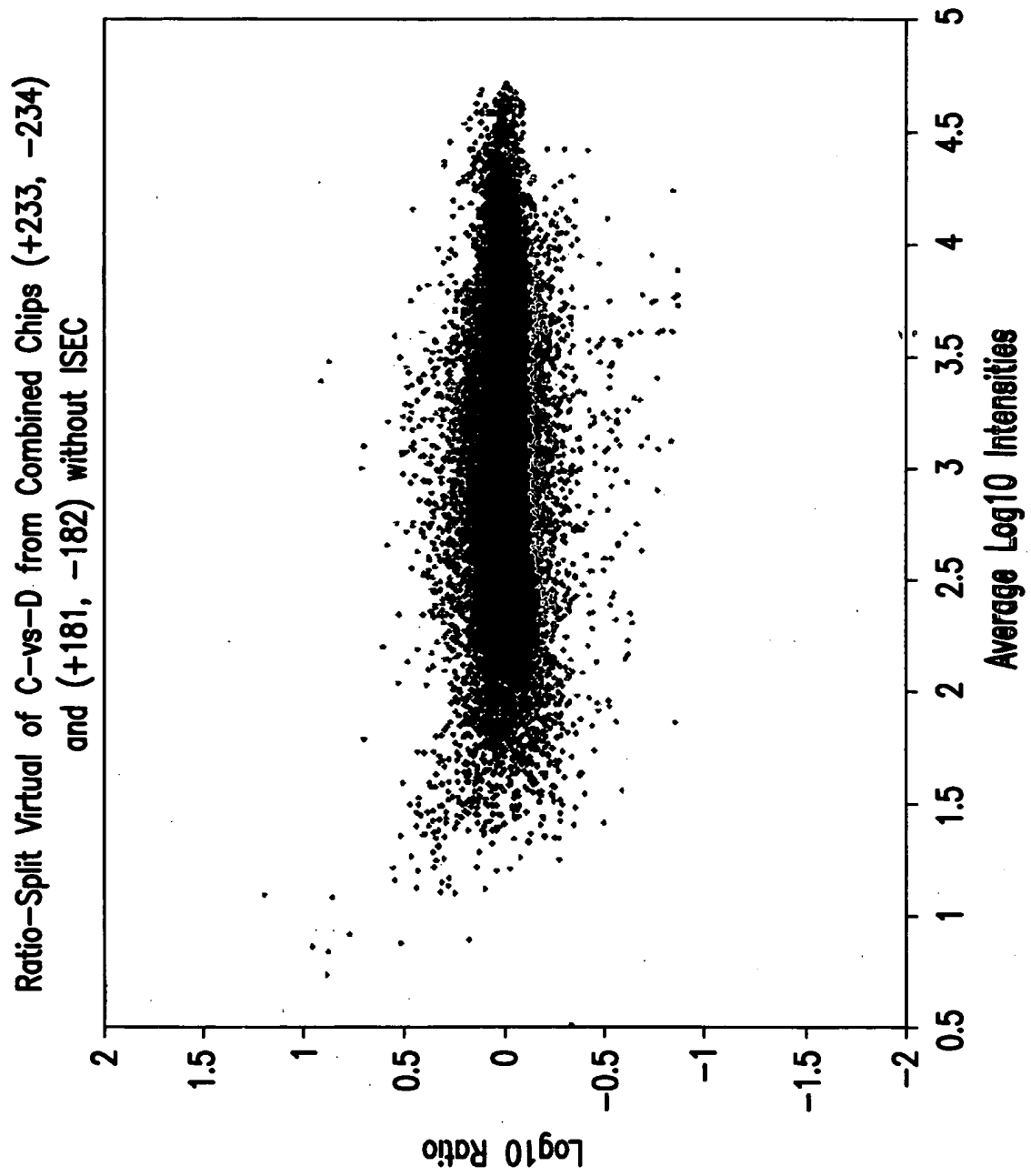
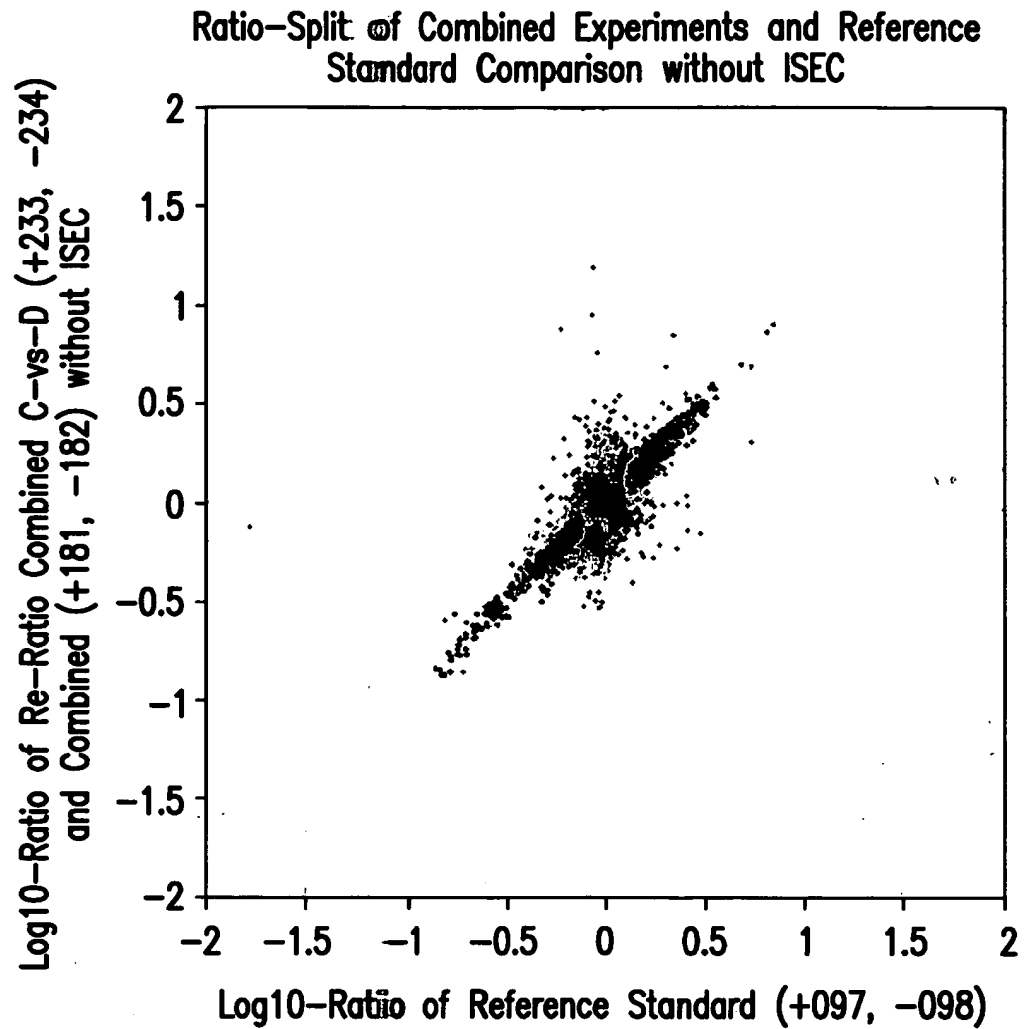


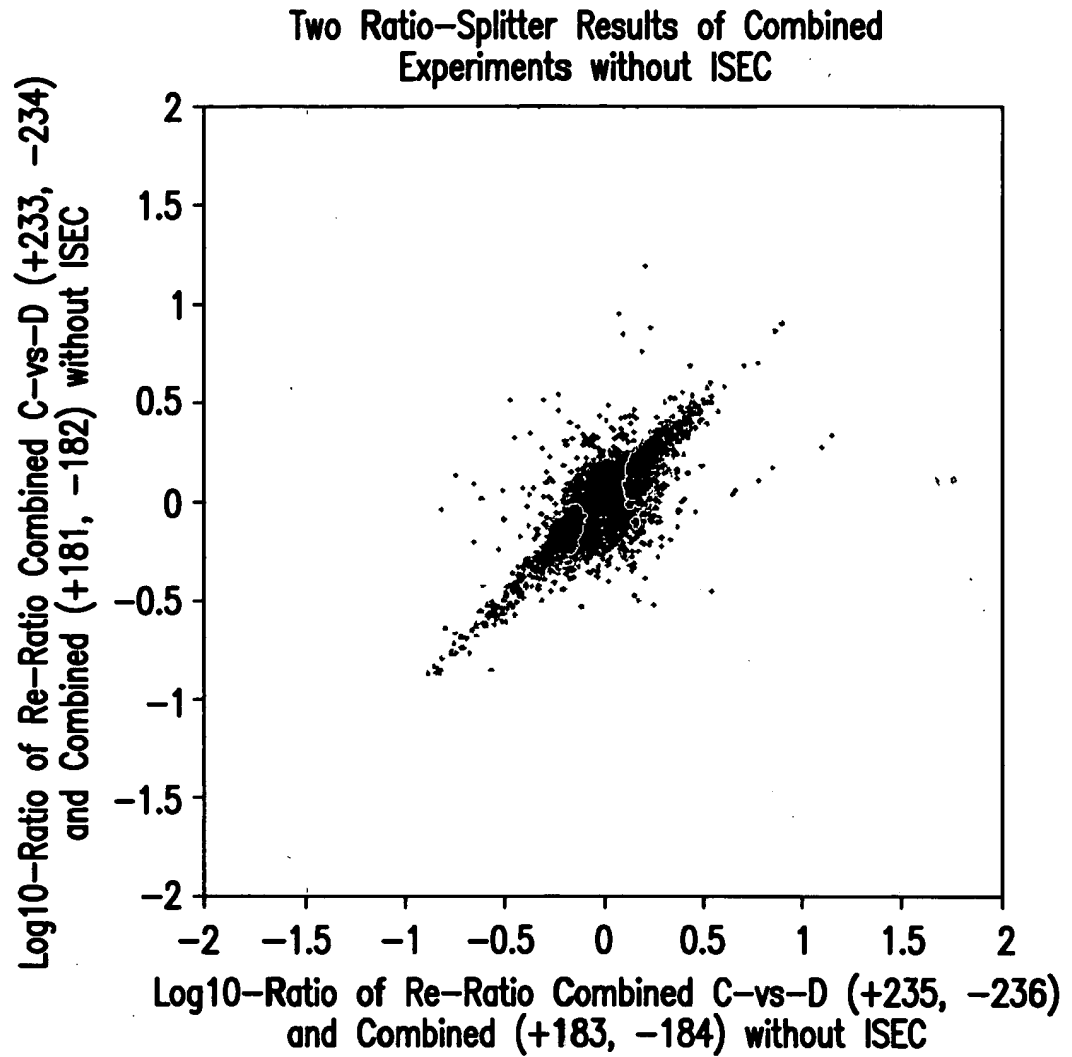
FIG.40





Y Signature = 6.49 percent
X Signature = 6.02 percent
Y Only = 1.97 percent
X Only = 1.5 percent
Signature in Both = 4.52 percent
Signature Union Correlation = 0.968

FIG.42



Y Signature = 6.49 percent
X Signature = 6.76 percent
Y Only = 1.9 percent
X Only = 2.17 percent
Signature in Both = 4.6 percent
Signature Union Correlation = 0.955

FIG.43

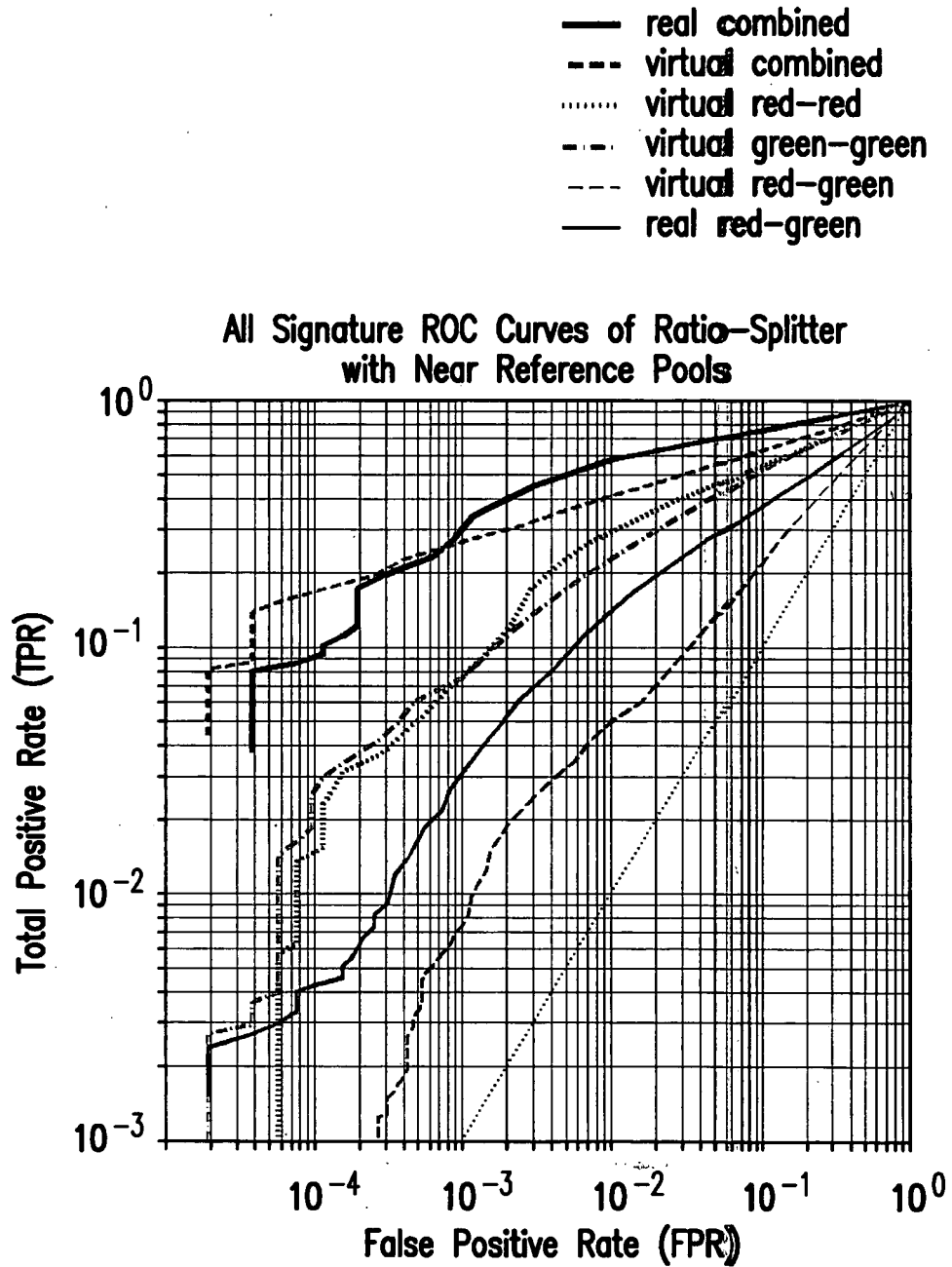


FIG.44A

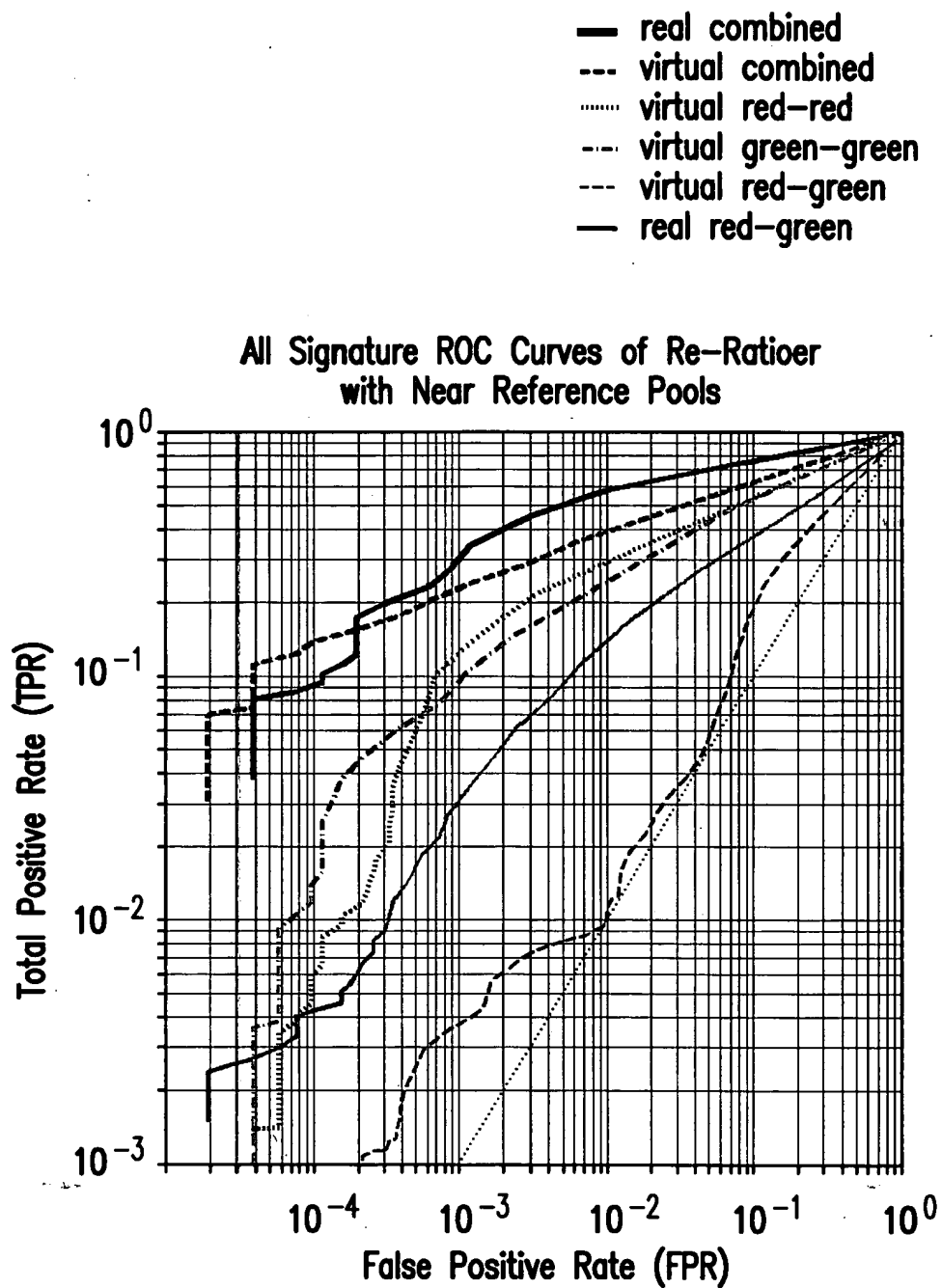


FIG.44B

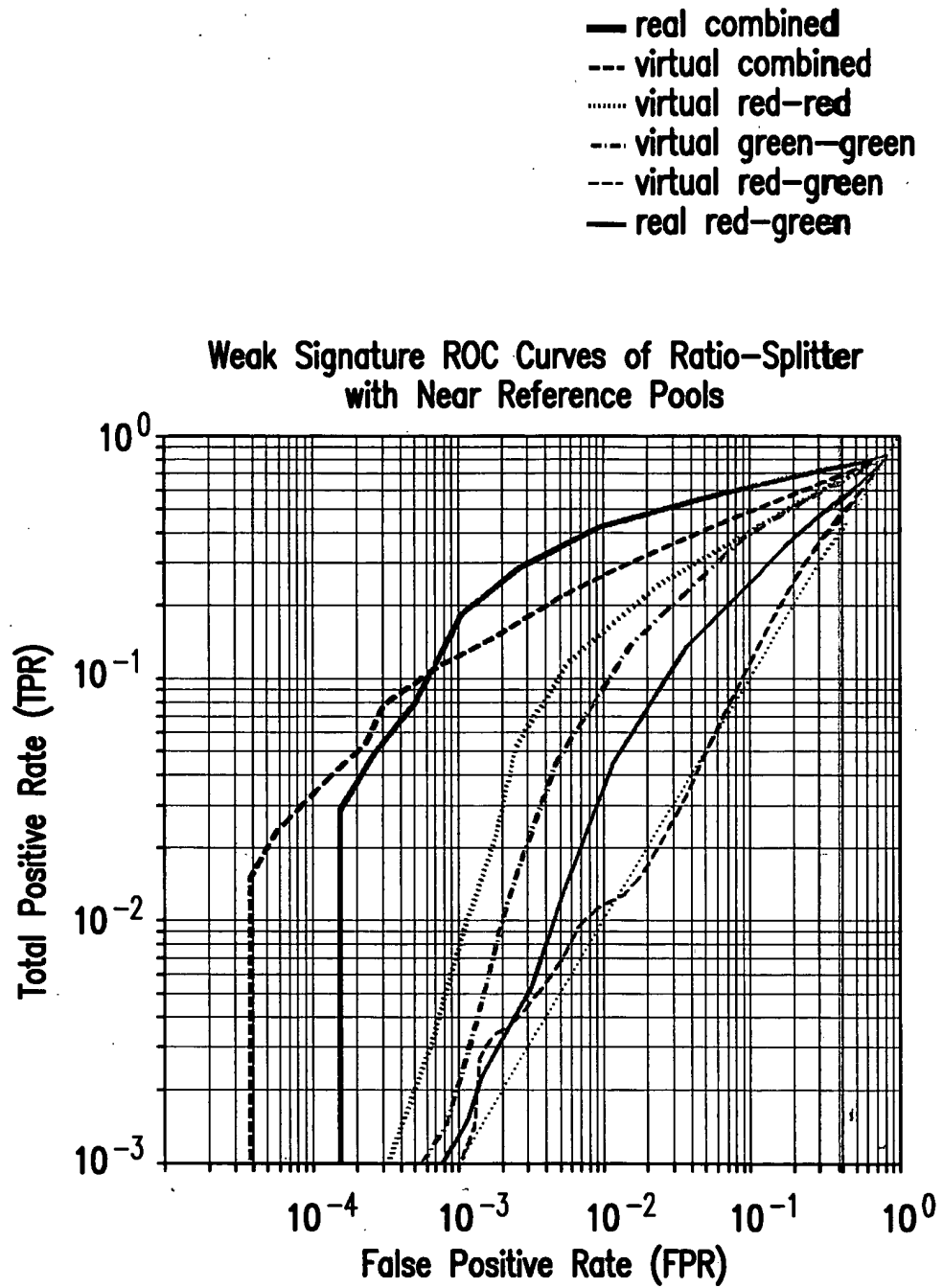


FIG.45A

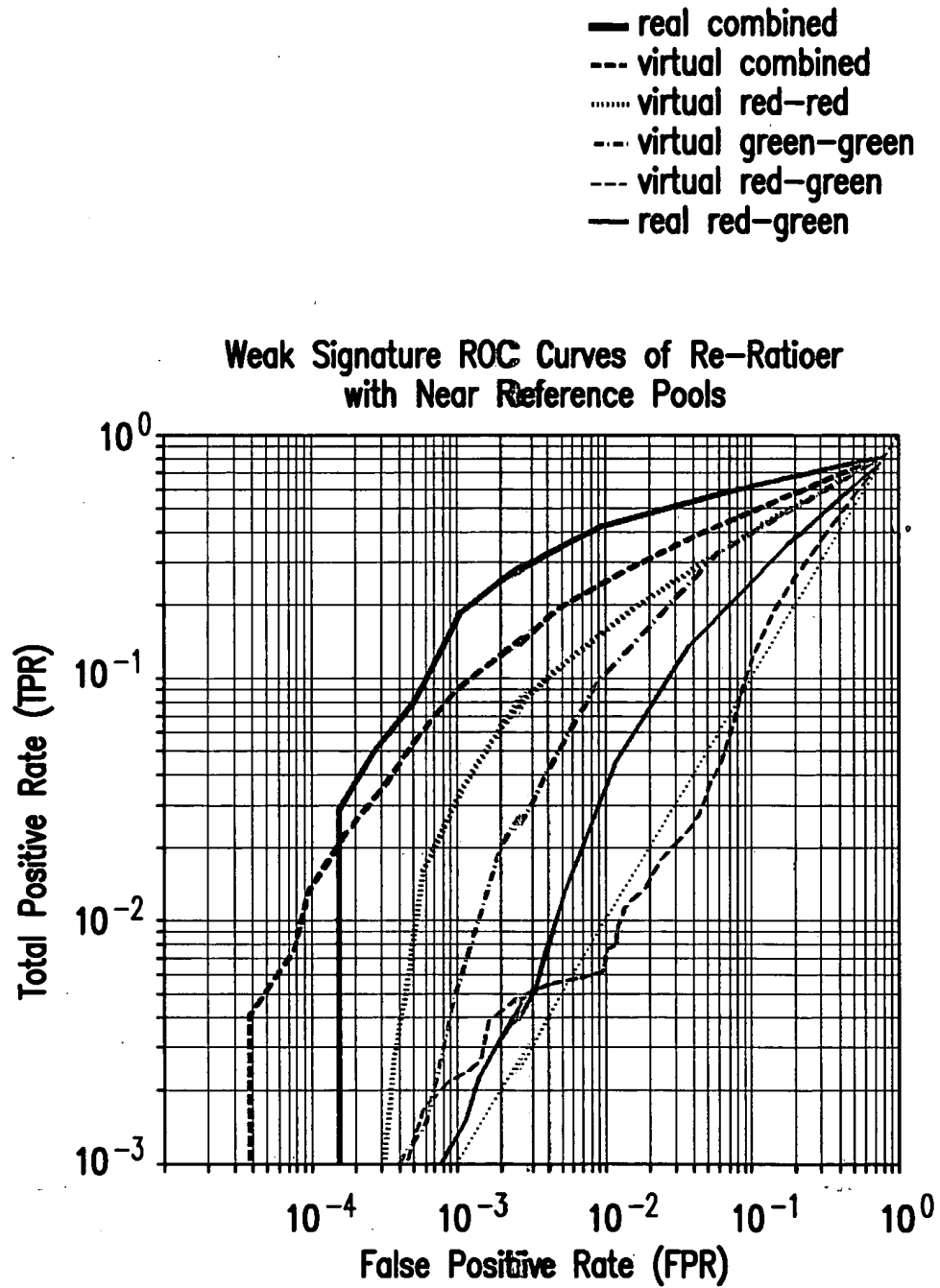


FIG.45B

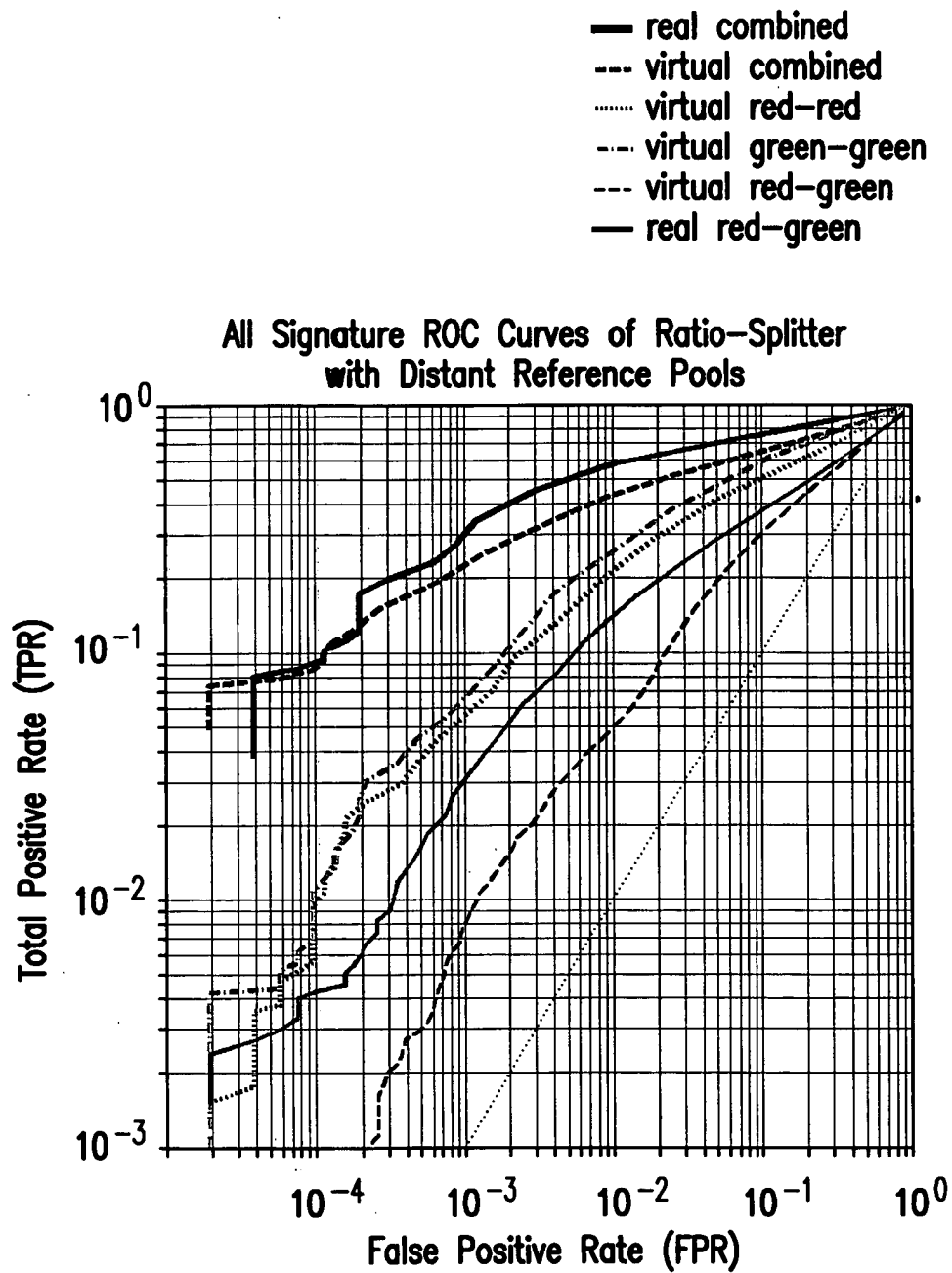


FIG.46A

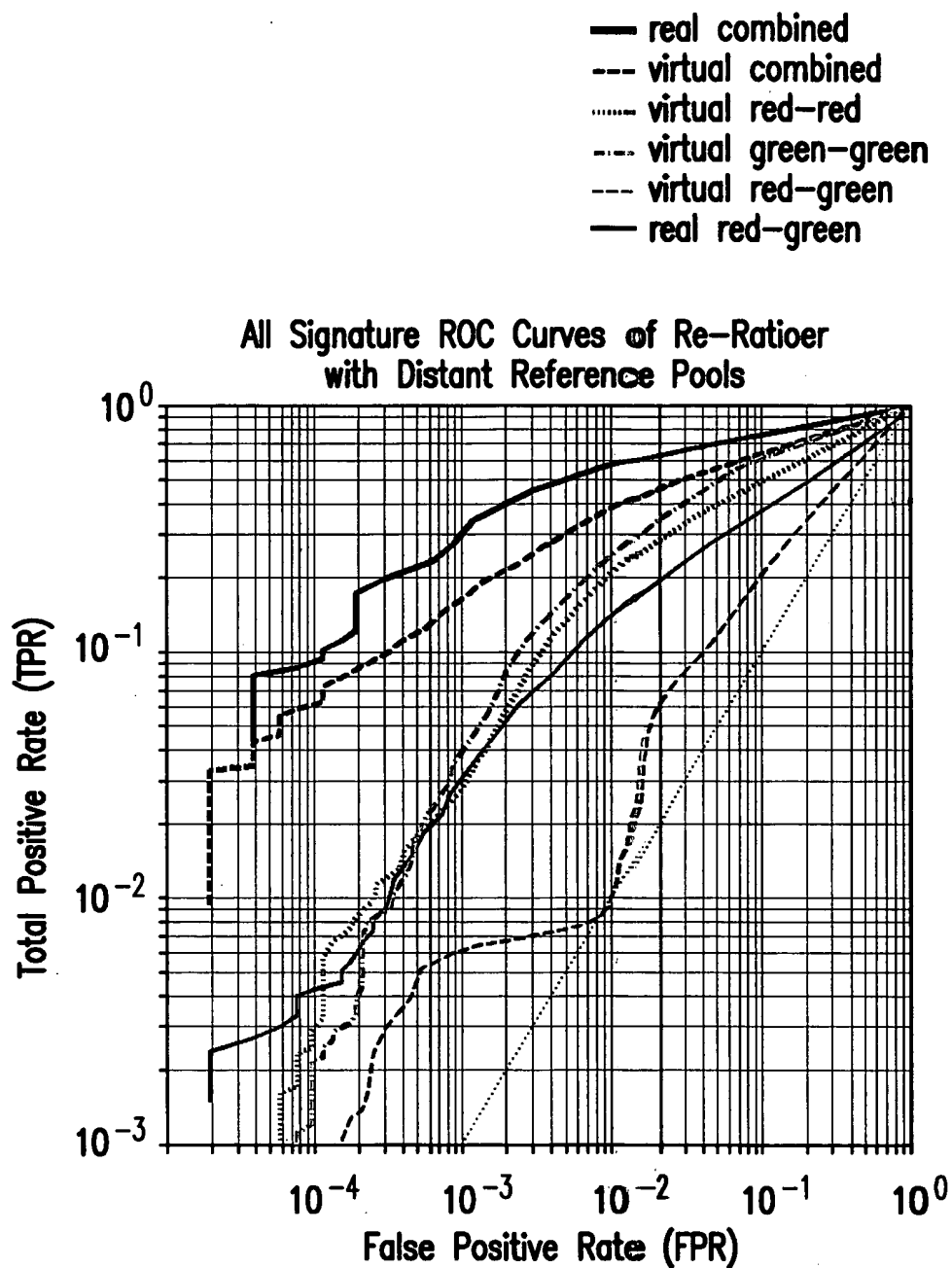


FIG.46B

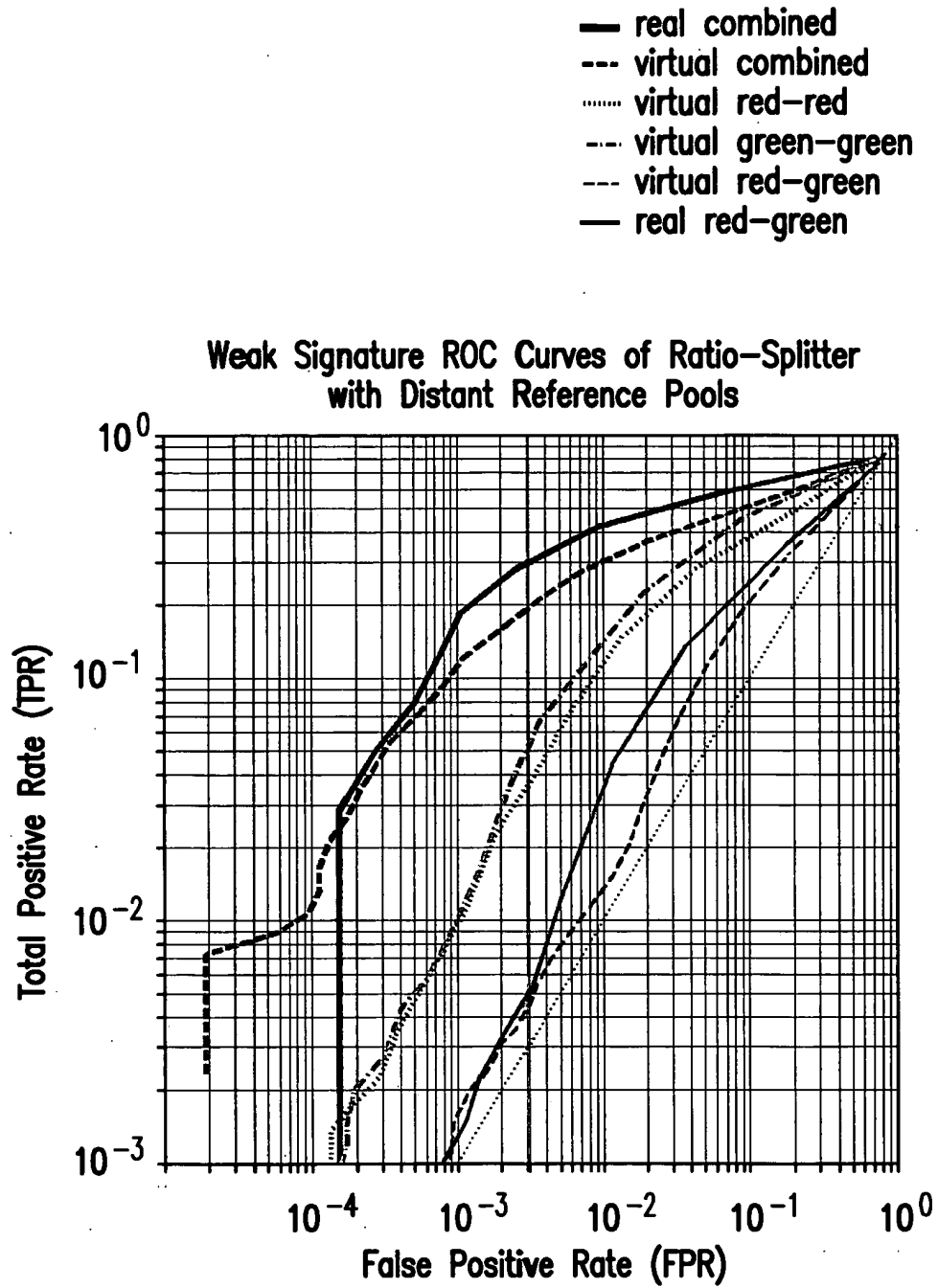


FIG.47A

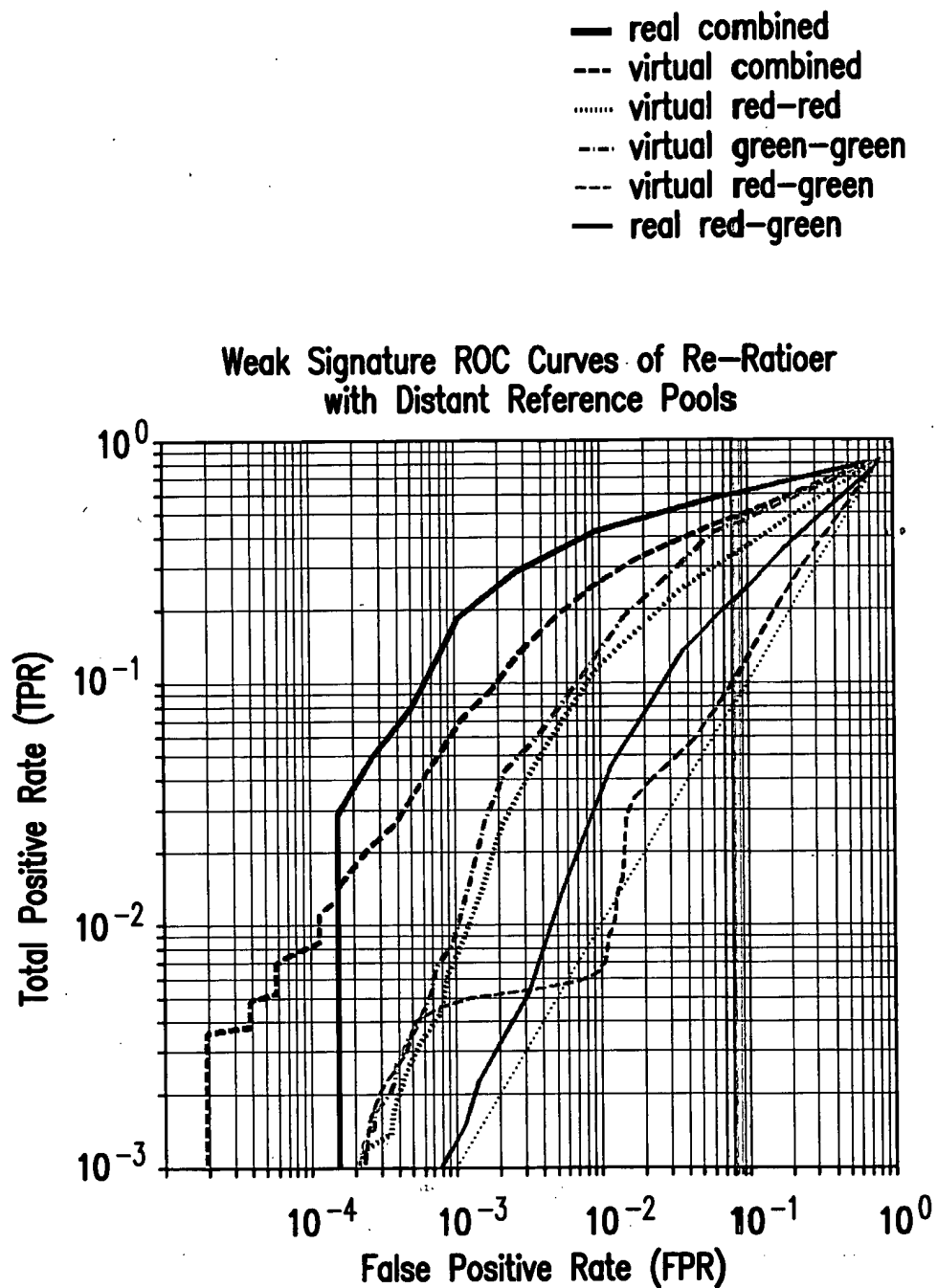


FIG.47B

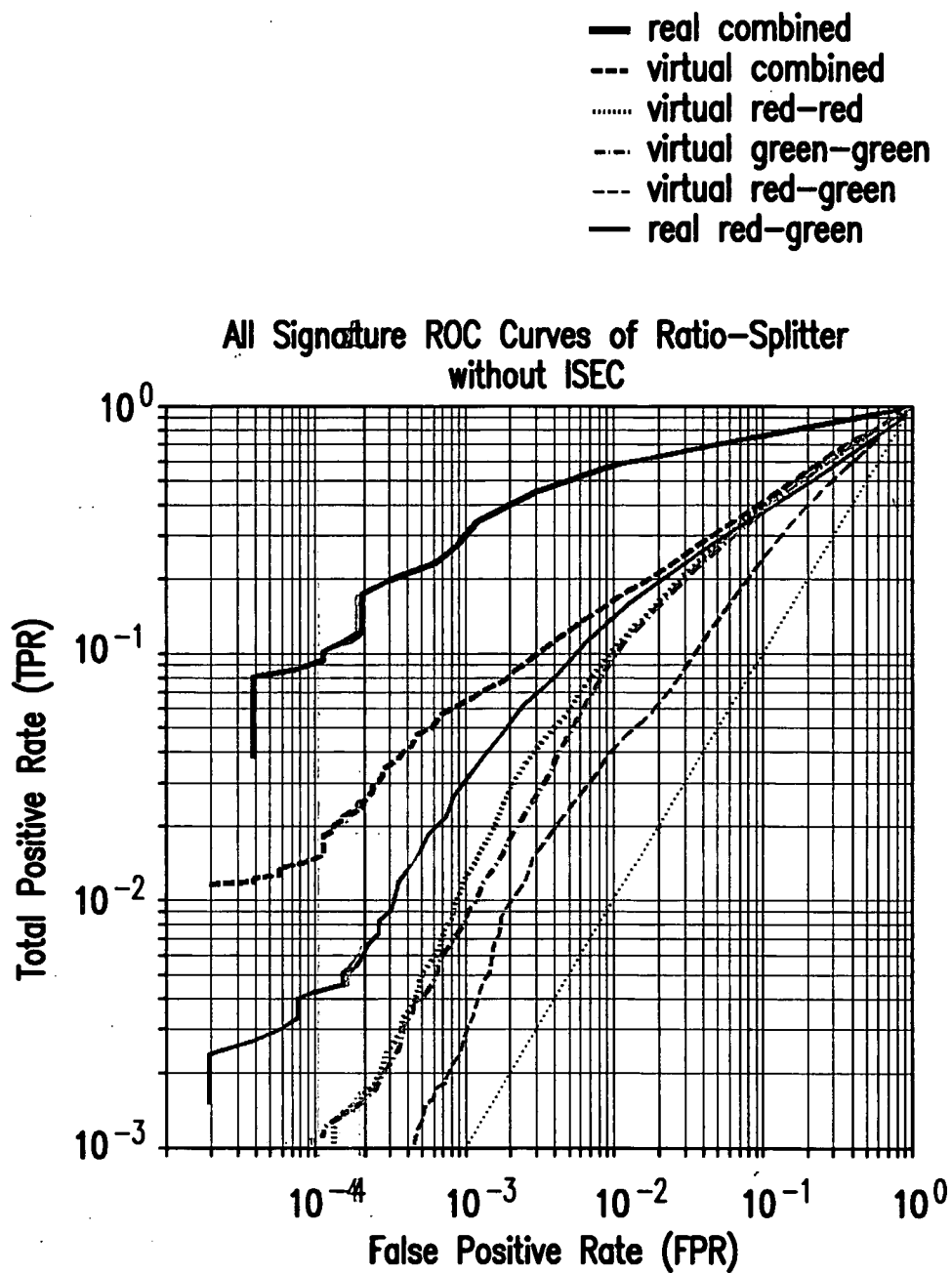


FIG.48A

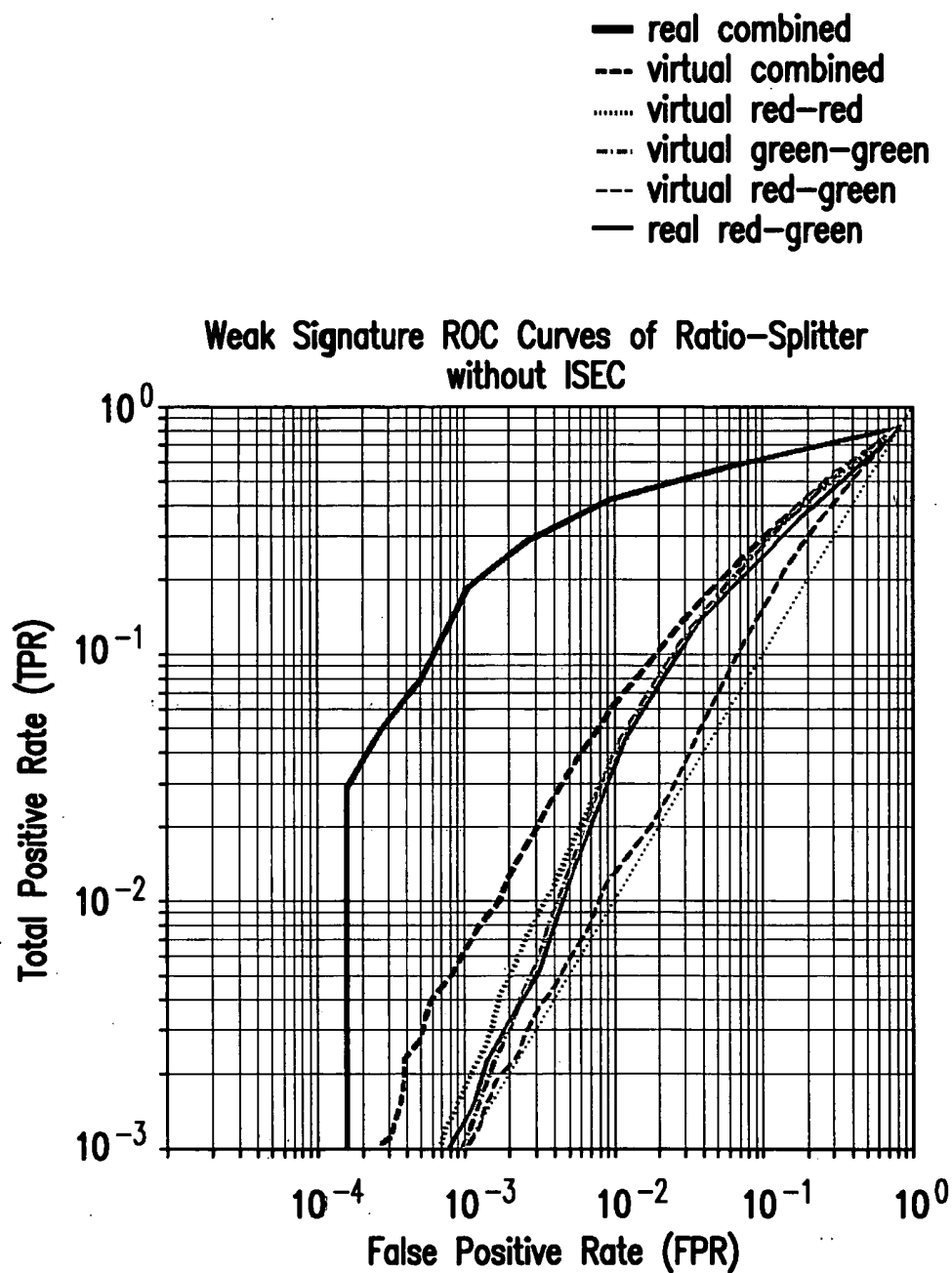


FIG.48B

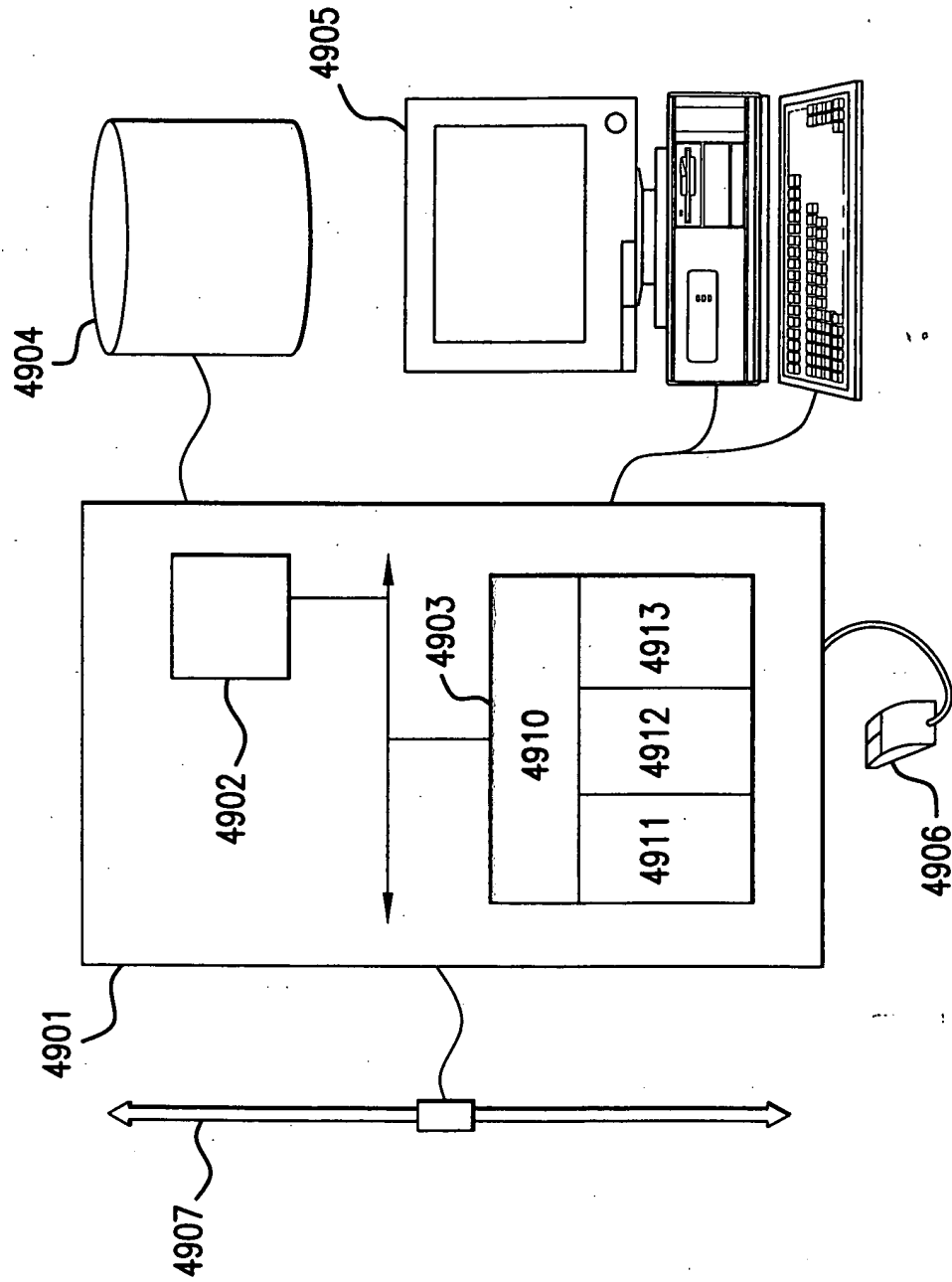


FIG. 49

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